



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
ALPHA FAMILY LOGIC CONTROLLERS			
Alpha 2 Logic Block			
100-240V AC Powered Relay output			
215070	AL2-10MR-A	6 AC inputs, 4 relay outputs, 100-240V AC supply	£97.50
215072	AL2-14MR-A	8 AC inputs, 6 relay outputs, 100-240V AC supply	£125.00
215074	AL2-24MR-A	15 AC inputs, 9 relay outputs, 100-240V AC supply	£175.00
24V DC Powered Relay output			
215071	AL2-10MR-D	6 DC inputs (6 can be analogue), 4 relay outputs, 24V DC supply	£97.50
215073	AL2-14MR-D	8 DC inputs (8 can be analogue), 6 relay outputs, 24V DC supply	£125.00
215075	AL2-24MR-D	15 DC inputs (8 can be analogue), 9 relay outputs, 24V DC supply	£175.00
Alpha 2 Special Function modules			
142525	AL2-ASI-BD	AS-i Interface board for use with AL2-14MR or AL2-24MR	£52.50
Alpha 2 Plug-in Extension Modules			
142521	AL2-4EX	4 inputs (24V DC)	£43.50
142522	AL2-4EX-A2	4 inputs (220-240V AC)	£54.50
142523	AL2-4EYR	4 relay outputs	£54.50
142524	AL2-4EYT	4 transistor outputs	£54.50
151235	AL2-2DA	2 Channel Analogue outputs module	£66.00
151238	AL2-2PT-ADP	PT100 Input Adapter	£60.50
151239	AL2-2TC-ADP	Thermocouple Input Adapter	£60.50
Alpha 2 Ancillary Equipment			
142526	AL2-EEPROM-2	EEPROM memory cassette for Alpha 2 series Logic Blocks- optional	£28.00
87674	AL-232CAB	Programming cable for use with ALVLS programming software	£43.50
155606	USB-RS232	USB to RS232 Adapter for programming Alpha & FX PLCs	£28.00
142528	AL2-GSM-CAB	Communication interface cable for Modems and HMIs	£30.00
209029	ALPHA POWER 24-0.75	24V 0.75A Power Supply for 24V Base Units and FX CPUs	£45.50
209030	ALPHA POWER 24-1.75	24V 1.75A Power Supply for 24V Base Units and FX CPUs	£60.50
209031	ALPHA POWER 24-2.5	24V 2.5A Power Supply for 24V Base Units and FX CPUs	£65.00
231365	AL2-FRAME-10-IP40	Alpha mounting frame for AL2-10 CPUs sealed to IP40	£38.00
231367	AL2-FRAME-10-IP54	Alpha mounting frame for AL2-10 CPUs sealed to IP54	£112.00
231366	AL2-FRAME-14/24-IP40	Alpha mounting frame for AL2-14/24 CPUs sealed to IP40	£52.50
231368	AL2-FRAME-14/24-IP54	Alpha mounting frame for AL2-14/24 CPUs sealed to IP54	£121.00
Alpha Programming Software			
127053	ALVLS V2	Version 2.00 programming software for ALPHA and ALPHA 2 Logic Blocks	£110.00
FX FAMILY PROGRAMMABLE LOGIC CONTROLLERS			
FX PLC Training Software			
147277	FX-TRN-BEG-E	Virtual FX PLC training software	£113.00
FX1S Base units			
24V DC Powered, 24V DC input, Relay outputs			
141240	FX1S-10MR-DS	6 inputs (24V DC), 4 relay outputs, 24V DC supply	£108.00
141247	FX1S-14MR-DS	8 inputs (24V DC), 6 relay outputs, 24V DC supply	£163.00
141251	FX1S-20MR-DS	12 inputs (24V DC), 8 relay outputs, 24V DC supply	£223.00
141255	FX1S-30MR-DS	16 inputs (24V DC), 14 relay outputs, 24V DC supply	£281.00
24V DC Powered, 24V DC input, Transistor outputs			
141246	FX1S-10MT-DSS	6 inputs (24V DC), 4 transistor outputs, 24V DC supply	£108.00
141249	FX1S-14MT-DSS	8 inputs (24V DC), 6 transistor outputs, 24V DC supply	£163.00
141254	FX1S-20MT-DSS	12 inputs (24V DC), 8 transistor outputs, 24V DC supply	£222.00
141257	FX1S-30MT-DSS	16 inputs (24V DC), 14 transistor outputs, 24V DC supply	£281.00
100-240V AC Powered, 24V DC input, Relay outputs			
141243	FX1S-10MR-ES/UL	6 inputs (24V DC), 4 relay outputs, 100-240V AC supply	£121.00
141248	FX1S-14MR-ES/UL	8 inputs (24V DC), 6 relay outputs, 100-240V AC supply	£176.00
141252	FX1S-20MR-ES/UL	12 inputs (24V DC), 8 relay outputs, 100-240V AC supply	£235.00
141256	FX1S-30MR-ES/UL	16 inputs (24V DC), 14 relay outputs, 100-240V AC supply	£293.00
Plug-in Special Function and Communication Boards - For FX1S/FX1N CPUs			
139418	FX1N-4EX-BD	24V DC input board - 4 points	£71.00
139420	FX1N-2EYT-BD	Transistor output board - 2 points	£71.00
139421	FX1N-2AD-BD	Analogue to digital, 2 channel, 12 bit, 0V to +10V, 4-20mA DC	£148.00
139422	FX1N-1DA-BD	Digital to analogue, 1 channel, 12 bit, 0V to +10V, 4-20mA DC	£148.00
130743	FX1N-232-BD	RS 232 board (non isolated)	£113.00
130741	FX1N-422-BD	RS 422 board (non isolated)	£113.00
130742	FX1N-485-BD	RS 485 board (non isolated)	£113.00
130744	FX1N-8AV-BD	8 channel analogue variable potentiometer setting board	£82.00
130745	FX1N-CNV-BD	Converter board for connection to FX0N ADP modules	£74.00
FX3G Base units			
100-240V AC Powered, 24V DC input, Relay outputs			
231466	FX3G-14MR-ES	FX3G Base Unit AC 100-240 V; 8 inputs DC 24V; 6 relay outputs	£300.00
231467	FX3G-24MR-ES	FX3G Base Unit AC 100-240 V; 14 inputs DC 24V; 10 relay outputs	£380.00
264869	FX3GE-24MR-ES	FX3G Base Unit AC 100-240 V; 14 inputs DC 24V; 10 relay outputs, built-in Ethernet & analogue I/O	£450.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
231468	FX3G-40MR-ES	FX3G Base Unit AC 100-240 V; 24 inputs DC 24V; 16 relay outputs	£550.00
264870	FX3GE-40MR-ES	FX3G Base Unit AC 100-240 V; 24 inputs DC 24V; 16 relay outputs, built-in Ethernet & analogue I/O	£699.00
231469	FX3G-60MR-ES	FX3G Base Unit AC 100-240 V; 36 inputs DC 24V; 24 relay outputs	£677.00
24V DC Powered, 24V DC input, Relay outputs			
231474	FX3G-14MR-DS	FX3G Base Unit DC 24V; 8 inputs DC 24V; 6 relay outputs	£300.00
231475	FX3G-24MR-DS	FX3G Base Unit DC 24V; 14 inputs DC 24V; 10 relay outputs	£380.00
231476	FX3G-40MR-DS	FX3G Base Unit DC 24V; 24 inputs DC 24V; 16 relay outputs	£550.00
231477	FX3G-60MR-DS	FX3G Base Unit DC 24V; 36 inputs DC 24V; 24 relay outputs	£677.00
100-240V AC powered, 24V DC inputs, Transistor outputs			
231470	FX3G-14MT-ESS	FX3G Base Unit AC 100-240 V; 8 inputs DC 24V; 6 transistor outputs	£300.00
231471	FX3G-24MT-ESS	FX3G Base Unit AC 100-240 V; 14 inputs DC 24V; 10 transistor outputs	£381.00
231472	FX3G-40MT-ESS	FX3G Base Unit AC 100-240 V; 24 inputs DC 24V; 16 transistor outputs	£548.00
231473	FX3G-60MT-ESS	FX3G Base Unit AC 100-240 V; 36 inputs DC 24V; 24 transistor outputs	£677.00
24V DC powered, 24V DC inputs, Transistor outputs			
231478	FX3G-14MT-DSS	FX3G Base Unit DC 24V; 8 inputs DC 24V; 6 transistor outputs	£300.00
231479	FX3G-24MT-DSS	FX3G Base Unit DC 24V; 14 inputs DC 24V; 10 transistor outputs	£381.00
231480	FX3G-40MT-DSS	FX3G Base Unit DC 24V; 24 inputs DC 24V; 16 transistor outputs	£548.00
231481	FX3G-60MT-DSS	FX3G Base Unit DC 24V; 36 inputs DC 24V; 24 transistor outputs	£677.00
Plug-in Special Function and Communication Boards - For FX3G			
221265	FX3G-2AD-BD	FX3G Analogue adapter, 2 analogue inputs, 12bit	£140.00
221266	FX3G-1DA-BD	FX3G Analogue adapter, 1 analogue output, 12bit	£140.00
221267	FX3G-8AV-BD	FX3G Analogue set point adapter for 8 set point values	£85.50
221252	FX3G-422-BD	FX3G Interface adapter RS422	£113.00
221253	FX3G-485-BD	FX3G Interface module RS485, 1:n Multidrop, network expansion until 50 m	£113.00
221254	FX3G-232-BD	FX3G Interface module RS232C	£113.00
221268	FX3G-CNV-ADP	FX3G ADP adapter for FX3U ADP modules	£23.50
FX3U Base Units			
100-240V AC powered, 24V DC inputs, Relay outputs			
231486	FX3U-16MR-ES	Base Unit AC 100-240V; 8 inputs DC 24V; 8 relay outputs	£451.00
231487	FX3U-32MR-ES	Base Unit AC 100-240V; 16 inputs DC 24V; 16 relay outputs	£608.00
231488	FX3U-48MR-ES	Base Unit AC 100-240V; 24 inputs DC 24V; 24 relay outputs	£768.00
231489	FX3U-64MR-ES	Base Unit AC 100-240V; 32 inputs DC 24V; 32 relay outputs	£870.00
231490	FX3U-80MR-ES	Base Unit AC 100-240V; 40 inputs DC 24V; 40 relay outputs	£959.00
231491	FX3U-128MR-ES	Base Unit AC 100-240V; 64 inputs DC 24V; 64 relay outputs	£1,308.00
24V DC powered, 24V DC input, Relay outputs			
231498	FX3U-16MR-DS	Base Unit DC 24V; 8 inputs (24V DC), 8 relay outputs	£451.00
231499	FX3U-32MR-DS	Base Unit DC 24V; 16 inputs (24V DC), 16 relay outputs	£608.00
231500	FX3U-48MR-DS	Base Unit DC 24V; 24 inputs (24V DC), 24 relay outputs	£768.00
231501	FX3U-64MR-DS	Base Unit DC 24V; 32 inputs (24V DC), 32 relay outputs	£870.00
231502	FX3U-80MR-DS	Base Unit DC 24V; 40 inputs (24V DC), 40 relay outputs	£959.00
24V DC powered, 24V DC inputs, Transistor outputs			
231503	FX3U-16MT-DSS	Base Unit DC 24V; 8 inputs (24V DC), 8 transistor outputs	£451.00
231504	FX3U-32MT-DSS	Base Unit DC 24V; 16 inputs (24V DC), 16 transistor outputs	£608.00
231505	FX3U-48MT-DSS	Base Unit DC 24V; 24 inputs (24V DC), 24 transistor outputs	£768.00
231506	FX3U-64MT-DSS	Base Unit DC 24V; 32 inputs (24V DC), 32 transistor outputs	£870.00
231507	FX3U-80MT-DSS	Base Unit DC 24V; 40 inputs (24V DC), 40 transistor outputs	£959.00
100-240V AC powered, 24V DC inputs, Transistor outputs			
231492	FX3U-16MT-ESS	Base Unit AC 100-240V; 8 inputs DC 24V; 8 transistor outputs	£451.00
231493	FX3U-32MT-ESS	Base Unit AC 100-240V; 16 inputs DC 24V; 16 transistor outputs	£608.00
231494	FX3U-48MT-ESS	Base Unit AC 100-240V; 24 inputs DC 24V; 24 transistor outputs	£768.00
231495	FX3U-64MT-ESS	Base Unit AC 100-240V; 32 inputs DC 24V; 32 transistor outputs	£870.00
231496	FX3U-80MT-ESS	Base Unit AC 100-240V; 40 inputs DC 24V; 40 transistor outputs	£959.00
231497	FX3U-128MT-ESS	Base Unit AC 100-240V; 64 inputs DC 24V; 64 transistor outputs	£1,308.00
100-240V AC powered, 110V AC inputs, Relay outputs			
237261	FX3U-32MR-UA1	FX3U Base Unit AC 100-240 V; 16 inputs AC 100V; 16 relay outputs	£621.00
237262	FX3U-64MR-UA1	FX3U Base Unit AC 100-240 V; 32 inputs AC 100V; 32 relay outputs	£1,035.00
100-240V AC powered, 24V DC inputs, Triac outputs			
237263	FX3U-32MS/ES	FX3U Base Unit AC 100-240 V; 32 inputs DC 24V; 32 triac outputs	£428.00
237264	FX3U-64MS/ES	FX3U Base Unit AC 100-240 V; 32 inputs DC 24V; 32 triac outputs	£713.00
Plug-in Special Function and Communication Boards - For FX3U			
165281	FX3U-232-BD	RS232 Interface adapter	£113.00
165282	FX3U-422-BD	RS422 Interface adapter	£113.00
165283	FX3U-485-BD	RS485 Interface adapter, 1:n Multidrop, network expansion up to 50m	£113.00
165284	FX3U-USB-BD	USB Interface adapter incl. 3m USB cable and driver CD-ROM	£113.00
165285	FX3U-CNV-BD	FX3U ADP connector module (required if no other BD module is used)	£23.50
237307	FX3U-8AV-BD	FX3U analogue set point adapter for 8 set points	£113.00
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
FX3GC Base Units			
251545	FX3GC-32MT-D	FX3GC Base Unit DC 24V; 16 inputs (24V DC), 16 transistor outputs (Sink type)	£260.00
251546	FX3GC-32MT-DSS	FX3GC Base Unit DC24V; 16 inputs (24V DC), 16 transistor outputs, (Sink/Source type)	£260.00
FX3UC Base Units			
231508	FX3UC-16MT-DSS	FX3UC Base Unit DC 24V; 8 inputs, 8 transistor output	£221.00
231509	FX3UC-32MT-DSS	FX3UC Base Unit DC 24V; 16 inputs, 16 transistor outputs	£289.00
231510	FX3UC-64MT-DSS	FX3UC Base Unit DC 24V; 32 inputs, 32 transistor outputs	£481.00
231511	FX3UC-96MT-DSS	FX3UC Base Unit DC 24V; 48 inputs, 48 transistor outputs	£708.00
237305	FX3UC-16MR/D-T	FX3UC Base Unit DC 24V; 8 inputs (sink) DC 24V; 8 relay outputs	£275.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
237306	FX3UC-16MR/DS-T	FX3UC Base Unit DC 24V; 8 inputs (sink/source) DC 24V; 8 relay outputs	£275.00
Special Function Blocks and Wiring Accessories for FX3GC/FX3UC CPUs			
151233	FX2NC-4DA	4 Channel Analogue output module for FX3UC	£289.00
210090	FX3UC-4AD	Analogue input module; 16 bit; 4 analogue inputs for current or voltage; for FX3UC	£243.00
210091	FX3UC-1PS-5V	Power Supply module for 5V bus; for FX3UC	£119.00
104508	FX2NC-CNV-IF	FX2N special function module adaptor for FX2NC and FX3UC CPUs	£30.00
104509	FX2NC-100MPCB	Cable for 24V DC supply to for FX2NC and FX3UC CPUs	£15.50
104510	FX2NC-100BPCB	Cable for 24V DC supply to input units for FX2NC and FX3UC systems	£11.50
104511	FX2NC-10BPCB1	Crossover cable for input units for FX2NC and FX3UC systems	£11.50
128725	FX2NC-32BL	Battery for memory backup	£46.00
149144	TB-8EX-S	8 point screw terminal input block	£30.00
149145	TB-8EX-C	8 point spring terminal input block	£33.00
149021	TB-16EX-S	16 point screw terminal input block	£40.50
149022	TB-16EX-C	16 point spring terminal input block	£44.00
149044	TB-8EY-S	8 channel screw terminal output block	£57.50
149045	TB-8EY-C	8 channel spring terminal output block	£57.50
149148	TB-20-S	20 pin screw terminal output block	£25.50
149034	TB-8-RELAY-6A *Set of 8 pcs	Set of 8 relays for TB-8EY	£29.00
149035	TB-8-TRANSISTOR-2A *Set of 8 pc	Set of 8 transistors for TB-8EY	£91.50
149146	TB-PIB-RD	Isolated bridge strip for TB-8EY - red, 50cm	£8.50
149147	TB-PIB-BL	Isolated bridge strip for TB-8EY - blue, 50cm	£8.50
149158	TB-SP	Isolation plate for TB-8EY	£2.50
149038	TB-EX-CAB-1M	1m cable for TB-#EX and TB-20 blocks	£17.50
149039	TB-EX-CAB-3M	3m cable for TB-#EX and TB-20 blocks	£21.50
149040	TB-EX-CAB-5M	5m cable for TB-#EX and TB-20 blocks	£24.50
149041	TB-EY-CAB-1M	1m cable for 2 x TB-#EY blocks	£21.50
149042	TB-EY-CAB-3M	3m cable for 2 x TB-#EY blocks	£24.50
149043	TB-EY-CAB-5M	5m cable for 2 x TB-#EY blocks	£30.00
Unpowered Digital I/O Extension Blocks - For All FX Family CPUs			
166284	FX2N-8EX-ES/UL	8 inputs (24V DC)	£94.50
166285	FX2N-8ER-ES/UL	4 inputs (24V DC) & 4 Relay outputs block - 8 I/O points total	£113.00
166286	FX2N-8EYR-ES/UL	Relay output block - 8 points	£113.00
166287	FX2N-8EYT-ESS/UL	Transistor output block - 8 points	£113.00
65776	FX2N-16EX-ES/UL	16 inputs (24V DC)	£158.00
65581	FX2N-16EYT-ESS/UL	Transistor output block - 16 points	£188.00
65580	FX2N-16EYR-ES/UL	Extension block - 16 points, relay output	£188.00
Powered Digital I/O Extension Blocks - For Standard FX Family CPUs			
65568	FX2N-32ER-ES/UL	16 inputs (24V DC), 16 relay outputs, 100-240V AC supply	£290.00
65569	FX2N-32ET-ESS/UL	16 inputs (24V DC), 16 transistor outputs, 100-240V AC supply	£290.00
65571	FX2N-48ER-ES/UL	24 inputs (24V DC), 24 relay outputs, 100-240V AC supply	£415.00
65572	FX2N-48ET-ESS/UL	24 inputs (24V DC), 24 transistor outputs, 100-240V AC supply	£415.00
103704	FX2N-48ER-UA1/UL	24 inputs (110V AC), 24 relay outputs, 100-240V AC supply	£415.00
66633	FX2N-48ER-DS	24 inputs (24V DC), 24 relay outputs, 24V DC supply	£415.00
66634	FX2N-48ET-DSS	24 inputs (24V DC), 24 transistor outputs, 24V DC supply	£415.00
Unpowered Digital I/O Extension Blocks - For FX3GC/FX3UC Compact CPUs			
128152	FX2NC-16EX-T-DS	16 Inputs Screw terminal type (24V DC)	£114.00
104505	FX2NC-32EX-DS	32 IDC type (24V DC)	£171.00
128153	FX2NC-16EYR-T-DS	16 Relay Outputs	£149.00
104503	FX2NC-16EX-DS	16 Inputs (24V DC)	£96.50
104504	FX2NC-16EYT-DSS	16 Transistor Outputs	£125.00
104506	FX2NC-32EYT-DSS	32 Transistor Outputs	£210.00
ADP Expansion Modules - For FX3 CPUs			
221549	FX3U-3A-ADP	Analogue input/output module; 12 bit; 2 analogue In & 1 Analogue Out (current/voltage) (NOTE 1)	£215.00
165241	FX3U-4AD-ADP	Analogue input module; 12 bit; 4 analogue inputs for current or voltage	£226.00
165271	FX3U-4DA-ADP	Analogue output module; 12 bit; 4 analogue outputs for current or voltage	£351.00
165272	FX3U-4AD-PT-ADP	Analogue input module for Pt100 elements; 4 Pt100 inputs	£278.00
165273	FX3U-4AD-TC-ADP	Analogue input module for thermo-elements; 4 thermo-coupler inputs	£278.00
165274	FX3U-4HSX-ADP	High-speed counter module (4x 200 kHz) (NOTE 2)	£368.00
165275	FX3U-2HSY-ADP	Two-axis positioning module for stepper and servo motors (200 kHz) (NOTE 2)	£481.00
214172	FX3U-4AD-PNK-ADP	Analogue input module; for Pt1000/Ni1000; 4 analogue inputs	£278.00
214173	FX3U-4AD-PTW-ADP	Analogue input module; 12 bit, wide range (-1000 to +600 Deg); 4 analogue inputs for Pt100	£278.00
206190	FX3U-232ADP-MB	RS232C Interface module with Modbus protocol, SUB-D 9-pin	£108.00
206191	FX3U-485ADP-MB	RS485 Interface module with Modbus protocol, 1:n Multidrop, network up to 500m	£108.00
215983	FX3U-485ADP-MBH	High speed RS485 Interface module with Modbus protocol, 1:n Multidrop, network up to 500m	£148.00
248844	FX3U-ENET-ADP	Ethernet ADP module, MELSOFT, MC protocols, direct connection & data monitor (NOTE 3)	£133.00
NOTE 1: Requires FX3G CPU with firmware 1.20 or later or FX3U[C] CPU with firmware 2.61 or later			
NOTE 2: FX3U-4HSX/HSY modules not compatible with FX3G or FX3UC			
NOTE 3: Requires FX3G CPU with firmware 2.0 or later			
Special Function Blocks - For FX3 CPUs			
169508	FX3U-4AD	Analogue to digital, 4 channel, 16 bit, -10V to +10V, 4-20mA DC, 0-20mA DC	£243.00
169509	FX3U-4DA	Digital to analogue, 4 channel, 16 bit, -10V to +10V, 4-20mA DC	£396.00
129196	FX2N-2LC	Dedicated 2 loop PID control block with auto-tuning	£289.00
232806	FX3U-4LC	Dedicated 4 loop PID control block with auto-tuning	£396.00
166085	FX3U-64DP-M	PROFIBUS-DP interface master communication module (NOTE)	£451.00
217915	FX3U-64CCL	CC-Link Interface (slave) V2 compliant	£273.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
248224	FX3U-16CCL-M	CC-Link Interface (master) V2 compliant	£272.00
194214	FX3U-32DP	PROFIBUS-DP interface slave communication module	£283.00
225142	FX3U-ENET-P502	Ethernet communication module 10/100BaseT, TCP/IP, UDP, POP3, SMTP, Modbus TCP	£378.00
252845	FX3U-CAN	CANopen Communications Module for FX3 CPUs	£316.00
254276	FX3U-J1939	J1939 Communications Module for FX3 CPUs	£316.00
65584	FX2N-1HC	High speed counter module. 1 channel, 1.2 and AB phase options. 50kHz maximum	£289.00
232805	FX2N-2HC	High speed counter module. 2 channel, 1.2 and AB phase options. 200kHz maximum (SEE NOTE)	£396.00
259298	FX3U-1PG	Pulse train output module, 1 channel, 200kHz maximum (SEE NOTE)	£327.00
231512	FX3U-20SSC-H	SSCNET III Position controller - 2 axis (NOTE)	£564.00

NOTE: Compatible with FX3U[C] only

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Special Function Blocks - For FX Family CPUs			
41790	FX0N-3A	2 channel input, 0-10V, 4-20mA, 1 channel output, 0-10V, 4-20mA	£156.00
102869	FX2N-2AD	Analogue to digital, 2 channel, 12 bit, 0V to +10V, 4-20mA DC	£161.00
102868	FX2N-2DA	Digital to analogue, 2 channel, 12 bit, 0V to +10V, 4-20mA DC	£255.00
65585	FX2N-4AD	Analogue to digital, 4 channel, 12 bit, -10V to +10V, 4-20mA DC, 0-20mA DC	£243.00
65586	FX2N-4DA	Digital to analogue, 4 channel, 12 bit, -10V to +10V, 4-20mA DC	£412.00
129195	FX2N-8AD	Analogue to digital temperature/voltage/current input 8 channel, 16 bit	£404.00
153740	FX2N-5A	FX Analogue Module - 1 Output Channel, 4 Input Channels	£332.00
65587	FX2N-4AD-PT	PT100 input block, 4 channel, 12 bit, 3 wire, (temperature input)	£325.00
65588	FX2N-4AD-TC	TC input block, 4 channel, 12 bit, J and K thermocouples, (temperature input)	£322.00
65583	FX2N-1PG-E	Pulse train output module, 1 channel, 100kpps maximum	£289.00
140113	FX2N-10PG	Pulse train output module, 1 channel, 1Mpps maximum, internal point table	£316.00
133596	FX2N-16CCL-M	CC-Link master	£144.00
102961	FX2N-32CCL	CC-Link Interface (slave)	£230.00
62125	FX0N-32NT-DP	Profibus DP Interface (slave)	£246.00
131708	FX2N-64DNET	DeviceNet Interface (slave)	£255.00
145401	FX2N-32DP-IF	Profibus DP remote I/O station	£255.00

Ancillary Equipment

132738	FX Programming Manual II	Comprehensive programming manual FX1S / FX1N and FX2N	£25.50
65081	INPUT-SIM: FX1S/FX1N	Input Simulator switches for FX1S and FX1N	£50.00
221270	FX3G-5DM	PLC mounted maintenance display module for FX3G	£64.00
129197	FX1N-5DM	PLC mounted maintenance display module for FX1S / FX1N	£60.50
45348	FX0N-65EC	Optional 650mm extension cable to extension blocks	£39.50
65599	FX2N-CNV-IF	FX series special function adapter	£84.50
31870	FX-20P-CADP	0.3 metre adapter cable 25 pin to 6 pin for FX peripherals	£35.00
76163	F2-232CAB-1	RS232 comm's cable	£51.00
70880	FX2N-CNV-BC	Adapter to allow 2 row mounting of FX3 systems (requires additional cables, ex. FX0N-65EC)	£31.00
210092	FX1N BAT	Battery for FX1N	£50.00
76150	F1-PC-BAT	Lithium battery for FX2N series (not including connector)	£23.50
5142	F2-40BL	Lithium battery for FX2N series (including connector)	£48.00
165286	FX3U-32BL	Battery for MELSEC FX3U(C), & FX3G	£46.00
165268	FX3U-7DM	Display module for FX3U	£103.00
165287	FX3U-7DM-HLD	Panel mounting kit for FX3U-7DM incl. 1.5m cable	£46.00
221540	USB-CAB-5M	USB 2.0 connection cable, USB A to USB B (mini), 5m	£8.50
165288	FX-USB-AW	Interface converter USB/RS422 between PC and FX-PLCs; length: 3m	£149.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Programming Equipment & Memory Cassettes			
65600	FX-EEPROM-16	16K step memory for FX2N base units	£187.00
130746	FX1N-EEPROM-8L	8K step memory cassette with program loader / transporter function for FX1S	£115.00
23825	FX-EEPROM-4	EEPROM Memory 4k	£72.00
23826	FX-EEPROM-8	EEPROM Memory 8k	£149.00
221269	FX3G-EEPROM-32L	FX3G EEPROM memory cassette/loader; 32k steps PLC program	£105.00
165278	FX3U-FLROM-16	Flash memory cassette - 16K steps	£108.00
165279	FX3U-FLROM-64	Flash memory cassette - 64K steps	£125.00
165280	FX3U-FLROM-64L	Flash memory cassette - 64K steps with copy function	£166.00
245565	FX3U-FLROM-1M	Flash memory cassette - 1MB capacity to allow storage of symbolic data. Note: Requires FX3U[C] CPU with firmware 3.00 or later	£191.00

Power Supplies

129194	FX2N-20PSU	2 Amp 24V DC power supply	£147.00
169507	FX3U-1PSU-5V	Power supply unit; 1A for 5V bus power; with FX3U	£119.00
206147	PSU 25	Power supply 1 Phase AC (85 - 264V) to 24V DC 2.5A	£48.00
206148	PSU 50	Power supply 1 Phase AC (85 - 264V) to 24V DC 5A	£64.00
206149	PSU 100	Power supply 1 Phase AC (85 - 264V) to 24V DC 10A	£105.00
208850	PSU 200	Power supply 1 Phase AC (85 - 264V) to 24V DC 20A	£145.00
208851	PSU 200-3	Power supply 3 Phase AC (3 x 320 - 575V) to 24V DC 20A	£164.00
208852	PSU 400-3	Power supply 3 Phase AC (3 x 320 - 575V) to 24V DC 40A	£233.00
208853	PSU UWA	Universal wall Adapter	£10.50

L SERIES PROGRAMMABLE LOGIC CONTROLLERS

CPU Modules

244976	L02CPU-P	L CPU module; 20k Step Memory; 16 Inputs/8 Outputs (source); Ethernet; Data Logger. Includes end plate	£870.00
244977	L26CPU-PBT	L CPU module; 256k Step Memory; 16 Inputs/8 Outputs (source); Ethernet, Data Logger & CC-Link, Includes end plate	£3,075.00

NOTE: I/O connector is not included. A6CON1 or A6CON4



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Power Supply Modules			
238063	L61P	100-240 AC input, 5V DV, 5A output	£141.00
238064	L63P	24V DC input, 5V DC, 5A output	£225.00
Memory Cards & Accessories			
238060	L1MEM-2GBSD	SD Card; 2 GByte	£16.00
238061	L1MEM-4GBSD	SD Card 4 GByte	£22.00
Input Modules			
238085	LX40C6	16 point, 24V DC input (4mA), source/sink type, 16 points/common screw terminals	£135.00
238086	LX41C4	32 point, 24V DC input (4mA), source/sink type, 32 points/common screw terminals	£225.00
238087	LX42C4	64 point, 24V DC input (4mA), source/sink type, 32 points/common screw terminals	£352.00
Output Modules			
238088	LY10R2	16 point relay 240V AC/24V DC, 2A contact, 16 points/common, screw terminals	£149.00
238089	LY41NT1P	16 point transistor, 12-24V DC, 0.1A/point, 1.6A/common, sink type, 16 points/common, screw terminals	£149.00
238090	LY42NT1P	32 point transistor, 12-24V DC, 0.1A/point, 2A/common, sink type, 32 points/common	£263.00
242167	LY40NT5P	L-Series Output module; 12-24 VDC; 16 Outputs sink 0.5 A, screw terminals	£149.00
242168	LY40PT5P	L-Series Output module 12-24 VDC; 16 Outputs source 0.5 A, screw terminals	£149.00
242169	LY41PT1P	L-Series Output module 12-24 VDC; 32 Outputs source 0.1A	£263.00
242170	LY42PT1P	L-Series Output module 12-24 VDC; 64 Outputs source 0.1A	£384.00
NOTE: I/O connector is not included on 32 and 64 point modules, A6CON1 or A6CON4			
Communication Modules			
238093	LJ71C24	Link module for communicating with computer (1 off RS232) and multidrop function (1 off RS485)	£351.00
238094	LJ71C24-R2	Link module for communicating with computer (2 off RS232 ports)	£351.00
Networking Modules			
238059	L6ADP-R2	Serial programming Module; RS232; 115,2 kbps	£177.00
238099	LJ61BT11	CC-Link Master/Local module	£177.00
238100	LJ72GF15-T2	L-Series CC-Link IE Field Network Head Module for L-Series I/O modules	£790.00
245825	ME1IOL6-L	L Series; IO Link Master Module; 6 channels	£513.00
Analogue Modules			
238091	L60AD4	A/D input module, 4 channel, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£272.00
238092	L60DA4	D/A output module, 4 channels, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£492.00
246347	L60CTT4	4 loop temperature control module, thermocouple, digital output	£671.00
246349	L60CTT4BW	4 loop temperature control module, thermocouple, digital output, wire break detection	£866.00
246348	L60CRT4	4 loop temperature control module, Pt100, digital output	£671.00
246350	L60CRT4BW	4 loop temperature control module, Pt100, digital output, wire break detection	£866.00
STOCK NO. CATALOGUE NO. DESCRIPTION PRICE			
Positioning Modules			
238097	LD62	High speed counter module, 2 channels, 200kHz, 5/12/24V DC input, sink transistor output	£646.00
238098	LD62D	High speed counter module, 2 channels, 500kHz RS422 input, sink transistor output	£646.00
238096	LD75P4	Four axis pulse output position control module (Open-collector)	£1,197.00
238095	LD75D4	Four axis pulse output position control module (Differential line-driver)	£1,197.00
241243	LD77MH4	4 axis SSCNET III Motion control module (L)	£960.00
241244	LD77MH17	16 axis SSCNET III Motion control module (L)	£1,689.00
NOTE: I/O connector is not included			
Display Modules			
238058	L6DSPU	Two Colour Display; 16 charter x 4 Lines; Green/red CPU mount; optional	£201.00
Extension Modules			
247226	L6EXE	L-Series Branch Module for Extension IN, with end cap	£123.00
247227	L6EXB	L-Series Branch Module for Extension OUT	£123.00
247228	LC06E	L-Series Branch cable 0.6M	£41.00
247229	LC10E	L-Series Branch cable 1M	£61.50
247230	LC30E	L-Series Branch cable 3M	£144.00
End plate			
238062	L6EC-ET	End plate with error Relay, switches when PLC errors	£85.50
Motions Packs			
248214	L-Motion Pack 1	LD77MH4, L02CPU-P, L61P, End Plate set	£1,689.00
248255	L-Motion Pack 2	LD77MH16, L02CPU-P, L61P set, End Plate	£2,321.00
248256	L-Motion Pack 3	LD77MH4, L02CPU-P, L63P set, End Plate	£1,794.00
248257	L-Motion Pack 4	LD77MH16, L02CPU-P, L63P set, End Plate	£2,385.00
L-Series Cables			
215134	TB-26-EG	LD77 26-way terminal box (use with MR-ESTBL-CN1-05M-EG or MR-ESTBL-CN1-1M-EG cable)	£22.00
215135	MR-ESTBL-CN1-05M-EG	LD77 0.5m connector and cable from MR-E and MR-J3-T amplifiers to TB-26-EG terminal box	£37.50
215137	MR-ESTBL-CN1-1M-EG	LD77 1m connector and cable from MR-E and MR-J3-T amplifiers to TB-26-EG terminal box	£40.50
215103	MR-ECN1-EG	LD77 I/O connector	£14.00
258306	Q-L-40CBL-3M	A6CON connector prewired with open ends. 3M. For use on any card with A6ON Connector	£41.00
258307	Q-L-TB40CAB-1.5M	Connection cable between A6CON to TB-40-UK terminal block. 1.5M. For use on any card with A6ON Connector	£92.50
258310	TB-40-UK	Terminal block to brake out Q-L-TB40CAB-1.5. For use on any card with A6ON Connector	£41.00
227466	STN40-S	L-Series CPU terminal block 40 points	£136.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
146909	Q40-ST-CAB-0.6M	L-Series CPU terminal assembled cable and connector 0.6M	£135.00
146910	Q40-ST-CAB-1.5M	L-Series CPU System terminal assembled cable and connector 1.5M	£149.00
146911	Q40-ST40-CAB-3M	L-Series CPU System terminal assembled cable and connector 3.0M	£179.00
134139	A6CON1	Connector for use with L-series CPU and IO cards soldering type	£25.50
146923	A6CON4	Connector for use with L-series CPU and IO cards soldering type 45 Deg	£23.50
221540	USB-CAB-5M	USB 2.0 connection cable, USB A to USB B (mini), 5m	£8.50
130376	Q6BAT	CPU battery	£25.00
149021	TB-16EX-S	16 point screw terminal input block	£40.50
149022	TB-16EX-C	16 point spring terminal input block	£44.00
149044	TB-8EY-S	8 channel screw terminal output block	£57.50
149045	TB-8EY-C	8 channel spring terminal output block	£57.50
149034	TB-8-RELAY-6A *Set of 8 pcs	Set of 8 relays for TB-8EY	£29.00
149035	TB-8-TRANSISTOR-2A *Set of 8 pc	Set of 8 transistors for TB-8EY	£91.50
253221	L-Series-TB-EY-CAB-3M	3m cable for 2 x TB-#EY blocks	£106.00
262970	QL-TB-EY-CAB-1.5M	LY40PT5P to relay converter cable. 1.5M cable for 4 x TB-#EY blocks	£164.00

iQ Works Programming and Project Management Suite

234625	iQ Works V01-2LOC-E	Programming software for FX,Q,L series PLCs, Q-Motion and GOT series of HMIs 2 license	£1,533.00
--------	---------------------	--	-----------

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

Q SERIES PROGRAMMABLE LOGIC CONTROLLERS

CPU Modules

138322	Q00JCPU	Basic Q CPU module, 8k step memory, 200ns per instruction, single processor type, combined 5 slot base and 110-240V AC power supply	£511.00
138323	Q00CPU	Basic Q CPU module, 8k step memory, 160ns per instruction	£469.00
138324	Q01CPU	Basic Q CPU module, 14k step memory, 100ns per instruction	£581.00
132561	Q02CPU	Q CPU module, 28k step memory, 79ns per instruction, multi processor capability	£1,297.00
127585	Q02HCPU	High speed Q CPU module, 28k step memory, 34ns per instruction, multi processor capability	£2,129.00
130216	Q06HCPU	High speed Q CPU module, 60k step memory, 34ns per instruction, multi processor capability	£2,364.00
130217	Q12HCPU	High speed Q CPU module, 124k step memory, 34ns per instruction, multi processor capability	£3,597.00
130218	Q25HCPU	High speed Q CPU module, 252k step memory, 34ns per instruction, multi processor capability	£4,653.00
218139	Q06PHCPU	Q Process CPU module, 64k step memory, 34ns per instruction, multi processor capability	£3,160.00
143529	Q12PHCPU	Q Process CPU module, 124k step memory, 34ns per instruction, multi processor capability	£4,186.00
143530	Q25PHCPU	Q Process CPU module, 252k step memory, 34ns per instruction, multi processor capability	£4,781.00
157070	Q12PRHCPU	CPU Module Redundant System, 4096/8192 I/O Points, Process functions, 124k steps	£6,523.00
157071	Q25PRHCPU	CPU Module Redundant System, 4096/8192 I/O Points, Process functions, 252k steps	£7,525.00
165353	Q06CCPU-V-H01	"C" Controller CPU, Standard ROM 16MB, Work RAM 32MB	£2,109.00
221925	Q12DCCPU-V	PLC Q Series CPU module, C/C++ CPU; 128 MB program capacity; VxWorks6.4	£2,109.00

Universal CPU Modules

221575	Q00UJCPU	Universal Q CPU module, 10k step memory, 120ns per instruction, single processor type, combined 5 slot base and 110-240V AC power supply	£391.00
221576	Q00UCPU	Universal Q CPU module, 10k step memory, 80ns per instruction, multi processor capability	£359.00
221577	Q01UCPU	Universal Q CPU module, 15k step memory, 60ns per instruction, multi processor capability	£445.00
207604	Q02UCPU	Universal Q CPU module, 20k step memory, 40ns per instruction, multi processor capability	£937.00
207605	Q03UDCPU	Universal Q CPU module, 30k step memory, 20ns per instruction, multi processor capability	£1,054.00
217899	Q03UDECPU	Universal Q CPU module, 30k step memory, 20ns per instruction, Ethernet enabled	£1,289.00
207606	Q04UDHCPU	Universal Q CPU module, 40k step memory, 9.5ns per instruction, multi processor capability	£1,817.00
217900	Q04UDEHCPU	Universal Q CPU module, 40k step memory, 9.5ns per instruction, Ethernet enabled	£2,053.00
207607	Q06UDHCPU	Universal Q CPU module, 60k step memory, 9.5ns per instruction, multi processor capability	£1,993.00
215808	Q06UDEHCPU	Universal Q CPU module, 60k step memory, 9.5ns per instruction, Ethernet enabled	£2,228.00
221578	Q10UDHCPU	Universal Q CPU module, 100k step memory, 9.5ns per instruction, multi processor capability	£2,959.00
221579	Q10UDEHCPU	Universal Q CPU module, 100k step memory, 9.5ns per instruction, Ethernet enabled	£3,179.00
217619	Q13UDHCPU	Universal Q CPU module, 130k step memory, 9.5ns per instruction, multi processor capability	£4,722.00
217901	Q13UDEHCPU	Universal Q CPU module, 130k step memory, 9.5ns per instruction, Ethernet enabled	£4,908.00
221580	Q20UDHCPU	Universal Q CPU module, 200k step memory, 9.5ns per instruction, multi processor capability	£5,263.00
221581	Q20UDEHCPU	Universal Q CPU module, 200k step memory, 9.5ns per instruction, Ethernet enabled	£5,482.00
217620	Q26UDHCPU	Universal Q CPU module, 260k step memory, 9.5ns per instruction, multi processor capability	£5,965.00
217902	Q26UDEHCPU	Universal Q CPU module, 260k step memory, 9.5ns per instruction, Ethernet enabled	£6,146.00
242368	Q50UDEHCPU	Universal Q CPU module, 500k step memory, 9.5ns per instruction, Ethernet enabled	£9,143.00
242369	Q100UDEHCPU	Universal Q CPU module, 1000k step memory, 9.5ns per instruction, Ethernet enabled	£11,829.00
207877	Q10WCPU-W1-E	WinCPU, bootable SSD harddisk, Intel® Atom™ Processor, 1GB RAM, Windows® Embedded 2009	£4,100.00
207878	Q10WCPU-W1-CFE	WinCPU, bootable CF card, Intel® Atom™ Processor, 1GB RAM, Windows® Embedded 2009	£3,793.00

Power Supply Modules

190235	Q61P	100-240 AC input, 5V DV, 6A output	£141.00
136371	Q63P	24V DC input, 5V DC, 6A output	£225.00
140379	Q62P	100-240V AC input, 5V DC, 3A, 24V DC 0.6A output	£176.00
217627	Q64PN	100-240V AC input, 5V DC, 8.5A output	£240.00
166091	Q63RP	Power supply redundant type for Q38RB/Q68RB for 24V DC input, .5VDC 8.5A output	£685.00
157065	Q64RP	Power supply redundant type for Q38RB/Q68RB for 100-240V AC input, .5VDC 8.5A output	£685.00

NOTE: Refer to the FX Family section for suitable stand alone 24V DC Power Supplies from 2.5 to 40A

CPU & Extension Base Units

136369	Q33B	CPU base with 3 I/O slots and 1 power supply slot	£111.00
127586	Q35B	CPU base with 5 I/O slots and 1 power supply slot	£225.00
127624	Q38B	CPU base with 8 I/O slots and 1 power supply slot	£183.00
129566	Q312B	CPU base with 12 I/O slots and 1 power supply slot	£219.00
249091	Q35DB	Q Universal CPU high speed base with 5 I/O slots and 1 power supply slot	£221.00
207608	Q38DB	Q Universal CPU high speed base with 8 I/O slots and 1 power supply slot	£229.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
207609	Q312DB	Q Universal CPU high speed base with 12 I/O slots and 1 power supply slot	£293.00
136370	Q63B	Extension base with 3 I/O slots and 1 power supply slot	£110.00
129572	Q65B	Extension base with 5 I/O slots and 1 power supply slot	£116.00
129578	Q68B	Extension base with 8 I/O slots and 1 power supply slot	£176.00
129579	Q612B	Extension base with 12 I/O slots and 1 power supply slot	£225.00
140376	Q52B	Extension base with 2 I/O slots	£75.00
140377	Q55B	Extension base with 5 I/O slots	£116.00
157067	Q38RB	8 Slots, Base unit for 2x redundant power supply (Q64RP) + CPU + 8 I/O slots	£385.00
157066	Q68RB	8 slots, extension unit for 2x redundant power supply (Q64RP) + 8 I/O slots	£446.00
210163	Q65WRB	Extension base unit for QnPRH 5 I/O slots	£705.00
136573	QA65B	Q & A Extension to System Q Main rack 5 slot (Note 1)	£295.00
190391	QA68B	Q & A Extension to System Q Main rack 8 slot (Note 1)	£469.00
249092	QA1S51B	1 slot extension rack for Q-Series to mount an AnS module	£212.00
130046	QA1S65B	QnS & AnS Extension to System Q Main rack 5(Note 1)	£122.00
136408	QA1S68B	QnS & AnS Extension to System Q Main rack 8 (Note 1)	£184.00
NOTE 1: Compatible with QnU CPU's from serial number (first five digits) is "13102" or later			
Qnu			
129591	QC06B	Connection cable between base units, 0.6m	£63.00
129642	QC12B	Connection cable between base units, 1.2m	£86.50
129643	QC30B	Connection cable between base units, 3.0m	£116.00
129644	QC50B	Connection cable between base units, 5.0m	£195.00
129645	QC100B	Connection cable between base units, 10.0m	£305.00
157068	QC10TR	Tracking-Cable between redundant QnPRHCPU, length 1.0m	£366.00
157069	QC30TR	Tracking-Cable between redundant QnPRHCPU, length 3.0m	£503.00
Memory Cards & Accessories			
127627	Q2MEM-1MBS	SRAM Card 1MB	£176.00
145399	Q2MEM-2MBS	SRAM Card 1MB	£320.00
127591	Q2MEM-2MBF	Linear Flash Card, 2MB	£201.00
129646	Q2MEM-4MBF	Linear Flash Card, 4MB	£265.00
129647	Q2MEM-8MBA	ATA Card, 8MB	£407.00
129648	Q2MEM-16MBA	ATA Card, 16MB	£544.00
129649	Q2MEM-32MBA	ATA Card, 32MB	£1,087.00
129650	Q2MEM-ADP	PC card Adaptor	£106.00
129854	Q2MEM-BAT	Battery for Q2MEM-1MBS	£17.50
233017	CF-CARD4GB	CF Memory cards for MES, Data logger or GOT. 4GB	£106.00
233018	CF-CARD8GB	CF Memory cards for MES, Data logger or GOT. 8GB	£159.00
STOCK NO. CATALOGUE NO. DESCRIPTION PRICE			
Input Modules			
129581	QX10	16 point, 100-120V AC (7mA), 16 points/common	£135.00
136396	QX28	8 point, 240V AC, 8 points/common	£135.00
132572	QX40	16 point, 24V DC input (4mA), sink type, 16 points/common	£135.00
136574	QX40-S1	16 point, 24V DC input (6mA), sink type, 16 points/common	£145.00
132573	QX41	32 point, 24V DC input (4mA), sink type, 32 points/common	£225.00
146921	QX41-S1	32 point, 24V DC input (4mA), sink type, 32 points/common High speed	£225.00
132574	QX42	64 point, 24V DC input (4mA), sink type, 32 points/common	£352.00
204678	QX50	16 point, 48V AC/DC input (4mA), 16 points/common	£213.00
136397	QX70	16 point input for sensor, 5-12V DC input (1.2/3.3mA), sink type, 16 points/common	£154.00
136398	QX71	32 point input for sensor, 5-12V DC input (1.2/3.3mA), sink type, 32 points/common	£246.00
136399	QX72	64 point input for sensor, 5-12V DC input (1.2/3.3mA), sink type, 32 points/common	£347.00
127587	QX80	16 point, 24V DC input (4mA), source type, 16 points/common	£135.00
129594	QX81	32 point, 24V DC input (4mA), source type, 32 points/common	£227.00
150836	QX82	64 point, 24V DC input (4mA), source type, 32 points/common	£464.00
150837	QX82-S1	64 point, 24V DC input (4mA), source type, 32 points/common high speed	£464.00
136394	QH42P	32 point input, 24V DC (4mA), sink type, 32 point output, 12-24V DC, 0.1A/point, sink type, 32 points/common	£414.00
257846	ME1X16NA-Q	Namur input module, 16 channel digital input module with wire break and short circuit detection	£528.00
Output Modules			
129605	QY10	16 point relay 240V AC/24V DC, 2A contact, 16 points/common	£154.00
136401	QY18A	8 point relay 240V AC/24V DC, 2A contact, all points independent	£148.00
136402	QY22	16 point triac, 100 to 240V AC 0.6A/point, 4.8A/common, 16 points/common	£202.00
132575	QY40P	16 point transistor, 12-24V DC, 0.1A/point, 1.6A/common, sink type, 16 points/common	£149.00
132576	QY41P	32 point transistor, 12-24V DC, 0.1A/point, 2A/common, sink type, 32 points/common	£263.00
132577	QY42P	64 point transistor, 12-24V DC, 0.1A/point, 2A/common, sink type, 32 points/common	£384.00
132578	QY50	16 point transistor, 12-24V DC, 0.5A/point, 4A/common, sink type, 16 points/common	£159.00
136403	QY68A	8 point transistor, 5-24V DC, 2A/point, 8A/unit, sink/source type, all points independent	£221.00
136404	QY70	16 point transistor, 5-12V DC, 16mA/point, 256mA/common, sink type, 16 points/common	£145.00
136405	QY71	32 point transistor, 5-12V DC, 16mA/point, 512mA/common, sink type, 32 points/common	£258.00
127588	QY80	16 point transistor, 12-24V DC, 0.5A/point, 4A/common, source type, 16 points/common	£154.00
129607	QY81P	32 point transistor, 12-24V DC, 0.1A/point, 2A/common source type, 32 points/common	£260.00
Communication Modules			
149500	QJ71C24N	Link module for communicating with computer (1 off RS232) and multidrop function (1 off RS485)	£365.00
149501	QJ71C24N-R2	Link module for communicating with computer (2 off RS232 ports)	£365.00
149502	QJ71C24N-R4	Link Module for communicating with computer (2 off RS485/422 ports)	£496.00
Networking Modules			
138327	QJ71E71-100	Ethernet interface module, 100Mbit/s, 100BASETX/10BASE-T	£761.00
138958	QJ71LP21G	MELSECNET/H Master/local, GI 50/125 Fibre optic cable	£1,214.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
138959	QJ71LP21GE	MELSECNET/H Master/local, GI 62.5/125 Fibre optic cable	£1,003.00
136391	QJ71LP21-25	MELSECNET/H Master/Local, SI Fibre optic cable	£1,214.00
136392	QJ72LP25-25	MELSECNET/H Remote I/O controller, SI Fibre optic cable	£1,115.00
127592	QJ71BR11	MELSECNET/H Master/Local, coaxial cable	£761.00
136393	QJ72BR15	MELSECNET/H Remote I/O controller, coaxial cable	£1,197.00
138960	QJ72LP25G	MELSECNET/H Remote I/O Station GI 50/125 Fibre optic cable	£1,886.00
138961	QJ72LP25GE	MELSECNET/H Remote I/O Station GI 62.5/125 Fibre optic cable	£1,642.00
221861	QJ71NT11B	MELSECNET/H Master/Local, twisted pair cable	£654.00
154748	QJ61BT11N	CC-Link Master/Local module	£177.00
208815	QJ71GP21-SX	CC-Link IE Network dual loop fibre module (1000BASE-SX) control/normal station	£1,094.00
208816	QJ71GP21S-SX	CC-Link IE Network dual loop fibre module (1000BASE-SX) control/normal station with PSU	£1,314.00
208817	Q80BD-J71GP21-SX	CC-Link IE PC Network dual loop fibre module (1000BASE-SX) control/normal station	£1,987.00
208818	Q80BD-J71GP21S-SX	CC-Link IE PC Network dual loop fibre module (1000BASE-SX) control/normal station with PSU	£2,341.00
136390	QJ71DN91	DeviceNet interface master module	£881.00
255574	EIP4CCPU-LIC-MEU	Ethernet/IP Master module.	£2,327.00
165374	QJ71PB92V	Profibus DP interface master module V1 Protocol	£587.00
143545	QJ71PB93D	Profibus DP Slave Module for Qn Series	£587.00
143531	QJ71AS92	AS-i Master for Qn Series PLC's, dual network, dual master	£405.00
147115	QJ71WS96	Q Web server module, 100BASETX Ethernet, 5MB flash ROM	£1,409.00
155603	QJ71MT91	MODBUS /TCP protocol module with master and slave functions	£1,115.00
167757	QJ71MB91	MODBUS Serial protocol module with master and slave functions	£523.00
200698	QJ71MES96	MES Interface module and configuration software	£2,170.00
221934	QD81DL96	Datalogger module and configuration software	£1,621.00
152147	A6BR10-DC	Repeater for Coaxial MELSECNET/H 24VDC	£1,666.00
208155	A1SJ71AP23Q	MelsecNet(II) local station SI fibre type	£959.00
208156	A1SJ71AR23Q	MelsecNet(II) local station coaxial cable	£959.00
208157	A1SJ71AT23BQ	MelsecNetB local station	£478.00
249090	NZ2WL-EU	Wireless LAN adaptor to connect FA devices via a wireless network.	£1,024.00

Analogue Modules

145036	Q62AD-DGH	A/D input module, 2 channel, with distributor function	£360.00
129615	Q64AD	A/D input module, 4 channel, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£272.00
143542	Q64AD-GH	A/D input module, Ch to Ch isolated, 4 Ch, 0 to 64000, -10V to +10V DC and 0 to 20mA	£479.00
251331	Q64ADH	High speed A/D input module, 4 channel, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£507.00
229238	Q64AD2DA	A/D & D/A module, input 4 channel, output, 2 channel	£646.00
204676	Q66AD-DG	A/D input module, Ch to Ch isolated, 6 Ch,	£276.00
129616	Q68ADV	A/D input module, 8 channel, 16 bit, 0 to 16000 -10V to +10V DC	£491.00
129617	Q68ADI	A/D input module, 8 channel, 16 bit, 0 to 12000 0 to 20mA	£491.00
204675	Q68AD-G	A/D input module, 8 channel, 16 bit, Current or Voltage (Req A6CON1 or A6CON4)	£654.00
229931	ME1AB8HAI-Q	A/D input module, 8 channel, 16 bit, Current 4 to 20 mA or 0 to 20 mA, HART enabled	£654.00
200689	Q62DAN	D/A output module, 2 channels, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£321.00
145037	Q62DA-FG	D/A output module, Ch to Ch isolated, 2 Ch, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£479.00
200690	Q64DAN	D/A output module, 4 channels, 0 to 16000 -10 to +10V, 0-12000 0 to 20mA	£492.00
200691	Q68DAVN	D/A output module, 8 channels, 0 to 16000 -10 to +10V	£744.00
200692	Q68DAIN	D/A output module, 8 channels, 0 to 12000 0 to 20mA	£744.00
136388	Q64TCT	4 loop temperature control module, thermocouple, digital output	£593.00
136389	Q64TCTBW	4 loop temperature control module, thermocouple, digital output, wire break detection	£719.00
136386	Q64TCRT	4 loop temperature control module, Pt100, digital output	£593.00
136387	Q64TCRTBW	4 loop temperature control module, Pt100, digital output, wire break detection	£719.00
255455	Q64CTTN	4 loop temperature control module, thermocouple, digital output	£744.00
255457	Q64CTTBWN	4 loop temperature control module, thermocouple, digital output, wire break detection	£964.00
255456	Q64TCRTN	4 loop temperature control module, Pt100, digital output	£744.00
255458	Q64TCRTBWN	4 loop temperature control module, Pt100, digital output, wire break detection	£965.00
216481	Q68TD-G-H01	Thermocouple input module, 8 channels (Req A6CON4)	£699.00
137591	Q64TD	Thermocouple input module, 4 channels	£396.00
143544	Q64TDV-GH	Channel to channel isolated thermocouple and millivolt input module, 4 channels	£420.00
137592	Q64RD	Pt100 input module, 4 channels	£372.00
216482	Q68RD3-G	RTD input module 8 channels (Req A6CON4)	£699.00
229237	Q61LD	Load Cell Input module	£1,262.00
200693	Q62HLC	2 Channel High Speed PID loop controller with auto tune	£775.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Positioning Modules			
145038	QD60P8-G	Pulse Input Module, 8 Channels	£1,266.00
132579	QD62	High speed counter module, 2 channels, 200kHz, 5/12/24V DC input, sink transistor output	£646.00
132580	QD62D	High speed counter module, 2 channels, 500kHz RS422 input, sink transistor output	£646.00
128949	QD62E	High speed counter module, 2 channels, 200kHz 5/12/24V DC input, source transistor output (Req A6CON1 or A6CON4)	£646.00
213229	QD63P6	High speed counter module, 6 channels, 200kHz 5/12/24V DC input	£1,433.00
245113	QD65PD2	High Speed Counter (2ch), Pulse measurement (2ch), PWM output and Cam switch Module (8point)	£1,507.00
132581	QD75P1	Single axis pulse output position control module (Qn) (Open-collector)	£671.00
132582	QD75P2	Two axis pulse output position control module (Qn) (Open-collector)	£827.00
132583	QD75P4	Four axis pulse output position control module (Qn) (Open-collector)	£1,197.00
129675	QD75D1	Single axis pulse output position control module (Qn) (Differential line-driver)	£671.00
129676	QD75D2	Two axis pulse output position control module (Qn) (Differential line-driver)	£827.00
129677	QD75D4	Four axis pulse output position control module (Qn) (Differential line-driver)	£1,197.00
165761	QD75MH1	Single axis SSCNET III position control module (Qn)	£560.00
165762	QD75MH2	Two axis SSCNET III position control module (Qn)	£678.00
165763	QD75MH4	Four axis SSCNET III position control module (Qn)	£960.00
248702	QD77MS2	Two axis SSCNET III Motion control module (Qn)	£769.00
248703	QD77MS4	Four axis SSCNET III Motion control module (Qn)	£1,159.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
248704	QD77MS16	Sixteen axis SSCNET III Motion control module (Qn)	£1,794.00
138328	QD70P4	Multi axis positioning Module 4 Axes	£951.00
138329	QD70P8	Multi axis positioning Module 8 Axes	£1,584.00
136395	QI60	Interrupt module, 16 point 12/24VDC (4mA/10mA)	£277.00
Power Modules			
239847	QE81WH	Power Measurement Module, direct sensor connection 1 Channel	£686.00
Safety PLC and Relay Modules			
215799	QS90SR2SP-Q	Q series safety relay module, input with positive commons	£150.00
215800	QS90SR2SN-Q	Q series safety relay module, input with positive common and negative common	£150.00
215801	QS90SR2SP-CC	CC-Link safety relay module, input with positive commons	£207.00
215803	QS90SR2SN-CC	CC-Link safety relay module, input with positive common and negative common	£207.00
215804	QS90SR2SP-EX	Extension safety relay module, input with positive commons	£145.00
215805	QS90SR2SN-EX	Extension safety relay module, input with positive common and negative common	£145.00
215806	QS90CBL-SE01	Safety relay cable for extension unit 10cm	£19.00
215807	QS90CBL-SE15	Safety relay cable for extension unit 1.5M	£34.00
230057	WS0-CPU000200	Safety Controller Main Unit	£246.00
230058	WS0-CPU130202	Safety Controller Main Unit with EFI interface	£268.00
230059	WS0-XTDI80202	Safety Controller Input Extension Module	£209.00
230060	WS0-XTIO84202	Safety Controller Input Output Extension Module	£263.00
230061	WS0-MPL000201	System plug Main Unit with integrated Memory	£27.00
211009	WS0-4RO4002	Relay Module 4RO with dual level coded spring clamp terminals	£211.00
230063	WS0-GETH00200	Modbus TCP / Ethernet TCP/IP Diagnostics Module	£371.00
235441	WS0-GCC100202	Safety Controller CC-Link Interface Module	£249.00
230062	WS0-C20R2	Configuration cable 2m, straight	£22.00
155606	USB-RS232	USB-Converter	£28.00
241719	WS0-TBS4	Screw type terminals (set of 4, not gold coded)	£17.00
241720	WS0-TBC4	Dual level spring type clamp terminals (set of 4, not gold coded)	£18.00
203205	QS001CPU	Safety PLC CPU	£1,719.00
203206	QS034B-E	Safety base rack	£218.00
203207	QS061P-A1	PSU 110VAC	£482.00
203208	QS061P-A2	PSU 240VAC	£482.00
203209	QS0J61BT12	Safety CC Link Master	£590.00
203210	QS0J65BTB1-12DT	Safety Remote I/O Block 8 in 4 out	£744.00
217625	QS0J65BTS2-8D	Safety Remote I/O Block 8 in	£591.00
217626	QS0J65BTS-4T	Safety Remote I/O Block 4 out	£531.00
Accessories			
128424	QC30R2	RS232 Programming Cable (for Qn CPU not QnU CPU)	£50.00
136577	QC30-USB	USB Programming Cable USB A to USB B (Large) (Qn CPU not QnU CPU)	£10.50
130376	Q6BAT	CPU battery	£25.00
129673	Q6DIN1	Din rail adaptor for Q38B/Q312B/Q68B/Q612B	£11.50
129674	Q6DIN2	Din rail adaptor for Q35B/Q65B	£11.50
136368	Q6DIN3	Din rail adaptor for Q33B	£10.50
129853	QG60	Dummy Unit	£17.00
152200	Q Terminal Block	Q terminal block	£12.50
160244	Q Terminal Block 18 Screw	Removable terminal block for Q Series I/O with 18 screw connectors	£17.50
141646	Q6TE-18S	Spring clamp terminal block	£23.50
140381	Q6HLD-R2	Unit to prevent disconnection of RS232 connection	£17.50
136575	Q32CBL-3M	Assembled cable with D Sub plug 32 pin 3 meters	£36.00
227464	STN32-S	System terminal 32 points	£74.00
227465	STN32-3-S	System terminal 32 points, 3 terminal rows with voltage terminals	£136.00
227466	STN40-S	System terminal 40 points	£136.00
227467	STN16-3-S	System terminal 16 points, 3 terminal rows with voltage terminals	£94.50
227468	STN16-REL-S	System terminal 16 points, with interface relays	£256.00
227469	STN16-TRA-S	System terminal 16 points, with interface transistor	£439.00
239654	STN32-REL-S	System terminal 32 points, with interface relays	£339.00
136576	Q32CBL-5M	Assembled cable with D Sub plug 32 pin 5 meters	£51.00
227470	Q16-STN-CAB/0.6M	System terminal assembled cable and connector 0.6M	£150.00
227471	Q16-STN-CAB/1.5M	System terminal assembled cable and connector 0.6M	£189.00
227472	Q16-STN-CAB/3M	System terminal assembled cable and connector 0.6M	£195.00
227473	Q32-STN-CAB/0.6M	System terminal assembled cable and connector 0.6M	£46.00
227474	Q32-STN-CAB/1.5M	System terminal assembled cable and connector 1.5M	£51.00
227475	Q32-STN-CAB/3M	System terminal assembled cable and connector 3.0M	£57.50
146909	Q40-ST-CAB-0.6M	System terminal assembled cable and connector 0.6M	£135.00
146910	Q40-ST-CAB-1.5M	System terminal assembled cable and connector 1.5M	£149.00
146911	Q40-ST40-CAB-3M	System terminal assembled cable and connector 3.0M	£179.00
140991	Q40CBL-3M	Assembled cable with D Sub plug 40 pin 3 meters	£57.50
146912	QD62E-CAB-0.6M	System terminal assembled cable and connector 0.6M	£100.50
146913	QD62E-CAB-1.5	System terminal assembled cable and connector 1.5M	£108.00
146915	ST-JUMPER	Cable to link out commons	£13.50
147850	A6CON1E	37 Pin Connector Soldering type for I/O cards	£23.50
134139	A6CON1	Connector for use with A172SENC / QD75P / QD75D / QD75M series modules	£25.50
146923	A6CON4	40 Pin Connector Soldering type	£23.50
243247	PB-CON-90-S	90°ProfiBus connector, Screw terminals, suitable for any cable	£27.00
243248	PB-CON-90-FC	90°ProfiBus connector, FC terminals, suitable for FC cable only	£30.00
243249	PB-CON-35-S	35°ProfiBus connector, Screw terminals, suitable for any cable	£27.00
A to Q conversion tools (Consult data sheet before use)			
200696	A1ADP-XY	A-A1S Adaptor for I/O modules	£168.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
200697	A1ADP-SP	A-A1S Adaptor for special function modules	£168.00
167780	ERNT-AQB38	Conversion adaptor fixture	£147.00
167781	ERNT-AQB68	Conversion adaptor fixture	£128.00
167782	ERNT-AQB58	Conversion adaptor fixture	£158.00
167783	ERNT-AQB35	Conversion adaptor fixture	£150.00
167784	ERNT-AQB65	Conversion adaptor fixture	£150.00
167785	ERNT-AQB55	Conversion adaptor fixture	£150.00
167786	ERNT-AQB32	Conversion adaptor fixture	£141.00
167787	ERNT-AQB62	Conversion adaptor fixture	£141.00
167788	ERNT-AQB52	Conversion adaptor fixture	£141.00
167791	ERNT-AQF5	Conversion adaptor fixture	£106.00
167792	ERNT-AQF3	Conversion adaptor fixture	£97.00
167789	ERNT-AQF12	Conversion adaptor fixture for 12 slots	£107.00
167790	ERNT-AQF8	Conversion adaptor fixture for 8 slots	£106.00
231673	ERNT-AQTX11	PLC Q Series: Adapter for terminal block AX11 to QX10	£371.00
167761	ERNT-AQTX41	PLC Q Series: Adapter for terminal block AX41 to QX41	£156.00
167763	ERNT-AQTY10	PLC Q Series: Adapter for terminal block AY10 to QY10	£141.00
231670	ERNT-AQTY10A	PLC Q Series: Adapter for terminal block AY10A to QY10A	£371.00
231671	ERNT-AQTY13	PLC Q Series: Adapter for terminal block AY13 to QY10	£371.00
231672	ERNT-AQTY23	PLC Q Series: Adapter for terminal block AY23 to QY22	£371.00
167774	ERNT-AQTY22	PLC Q Series: Adapter for terminal block AY23 to QY22	£176.00
167775	ERNT-AQTY40	PLC Q Series: Adapter for terminal block AY40 to QY40	£176.00
167778	ERNT-AQTY41	PLC Q Series: Adapter for terminal block AY41 to QY41	£193.00
167776	ERNT-AQTY50	PLC Q Series: Adapter for terminal block AY50 to QY50	£176.00
231674	ERNT-AQTY51	PLC Q Series: Adapter for terminal block AY51 to QY50	£371.00
167777	ERNT-AQTY80	PLC Q Series: Adapter for terminal block AY80 to QY80	£176.00
167779	ERNT-AQTY81	PLC Q Series: Adapter for terminal block AY81 to QY81	£211.00
231705	ERNT-AQT68AD	PLC Q Series: Adapter for terminal block A68AD to Q68AD(V/I)	£317.00
231706	ERNT-AQT68ADN	PLC Q Series: Adapter for terminal block A68AD to Q68AD(V/I)	£317.00
231707	ERNT-AQT62DA	PLC Q Series: Adapter for terminal block A62DA to Q62DAN	£317.00
231708	ERNT-AQT68DA	PLC Q Series: Adapter for terminal block A68DA(V/I) to Q68DA(V/I)N	£317.00
231709	ERNT-AQTD61	PLC Q Series: Adapter for terminal block AD61 to QD62	£355.00
231710	ERNT-AQT68AD-GH	PLC Q Series: Adapter for terminal block A68A, A68AD-S2 to Q64AD-GH	£476.00
231711	ERNT-AQT616AD	PLC Q Series: Adapter for terminal block A616AD to Q68ADV or Q68ADI	£476.00
231712	ERNT-AQT616DA	PLC Q Series: Adapter for terminal block A616DAV to Q68DAVN	£476.00
231713	QX11L	Q series large type I/O module replacement model	£804.00
231714	QX21L	Q series large type I/O module replacement model	£966.00
231715	QY11AL	Q series large type I/O module replacement model	£644.00
231716	QY13L	Q series large type I/O module replacement model	£897.00
231717	QY23L	Q series large type I/O module replacement model	£1,072.00
231718	QG69L	Q series large type I/O module replacement model	£24.00
231719	Q38BL	Q series large type main base unit	£408.00
231720	Q35BL-E	Q series large type main base unit	£302.00
231721	Q68BL	Q series large type main base unit	£457.00
231722	Q65BL-E	Q series large type main base unit	£339.00
231723	Q55BL-E	Q series large type main base unit	£302.00
AnS to Q conversion tools (Consult data sheet before use)			
249093	ERNT-ASQTYX10	PLC Q Series: Adapter for terminal block A1SX10/A1SY10 to QX10/QY10	£191.00
249094	ERNT-ASQTX40	PLC Q Series: Adapter for terminal block A1SX40(-S1/S2) to QX40(-S1)	£191.00
249135	ERNT-ASQTX80	PLC Q Series: Adapter for terminal block A1SX80(-S1/S2) to QX80	£191.00
249136	ERNT-ASQTY22	PLC Q Series: Adapter for terminal block A1SY22 to QY22	£191.00
249137	ERNT-ASQTY40	PLC Q Series: Adapter for terminal block A1SY40(P) to QY40P	£191.00
249138	ERNT-ASQTY50	PLC Q Series: Adapter for terminal block A1SY50 to QY50	£191.00
249139	ERNT-ASQTY80	PLC Q Series: Adapter for terminal block A1SY80 to QY80	£191.00
249140	ERNT-ASQT64AD	PLC Q Series: Adapter for terminal block A1S64AD to Q64AD	£305.00
249141	ERNT-ASQT68AD	PLC Q Series: Adapter for terminal block A1S68AD to Q68AD(V/I)	£305.00
249142	ERNT-ASQT62DA	PLC Q Series: Adapter for terminal block A1S62DA to Q62DAN	£305.00
249143	ERNT-ASQT68DA	PLC Q Series: Adapter for terminal block A1S68DA(V/I) to Q68DA(V/I)N	£305.00
249144	ERNT-ASQB38	PLC Q Series: Adapter for base rack A1S38(H)B to Q38B	£172.00
249145	ERNT-ASQB35	PLC Q Series: Adapter for base rack A1S35B to Q35B	£162.00
249146	ERNT-ASQB33	PLC Q Series: Adapter for base rack A1S33B to Q33B	£153.00
249147	ERNT-ASQB00J	PLC Q Series: Adapter for base rack A1SJ(H)CPU(-S3) to Q00(U)JCPU	£162.00
249148	ERNT-ASQB68	PLC Q Series: Adapter for base rack A1S68B to Q68B	£172.00
249149	ERNT-ASQB65	PLC Q Series: Adapter for base rack A1S65B to Q65B	£162.00
249150	ERNT-ASQB55	PLC Q Series: Adapter for base rack A1S55B to Q55B	£162.00
Network Cables			
144073	DL6-CP	Single connector for GI MELSECNET/H Fibre Cable	£36.00
69365	CA7003	Dual connector for SI MELSECNET/H Fibre Cable	£84.50
63392	PA7003	Relay Adapter for DL6-CP to DL6-CP	£36.00
162784	DL6-DL6-6-ZP-03-GY	3 metre DL6 to DL6 62.5/125 GI fibre cable for Melsec Net	£201.00
167035	DL6-DL6-6-ZP-05-GY	5 metre DL6 to DL6 62.5/125 GI fibre cable for Melsec Net	£205.00
165329	DL6-DL6-6-ZP-10-GY	10 metre DL6 to DL6 62.5/125 GI fibre cable for Melsec Net	£218.00
157951	DL6-CP-ST-6-ZP-02-GY	2 metre DL6 to ST 62.5/125 GI fibre cable for Melsec Net	£198.00
160473	DL6-CP-ST-6-ZP-05-GY	5 metre DL6 to ST 62.5/125 GI fibre cable for Melsec Net	£205.00
160384	DL6-CP-ST-6-ZP-07-GY	7 metre DL6 to ST 62.5/125 GI fibre cable for Melsec Net	£210.00
160385	DL6-CP-ST-6-ZP-10-GY	10 metre DL6 to ST 62.5/125 GI fibre cable for Melsec Net	£218.00
206003	CC-Link Cable	CC-Link cable (Price Per meter) (Enter Qty in Meters)	£4.00
Terminal Blocks & Connecting Cables			
75538	A6TBX36-E	36 point terminal block for use with QX81	£60.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
75542	A6TBY36-E	36 point terminal block for use with QY81	£60.50
75539	A6TBX54-E	54 point terminal block for use with QX81	£80.00
75543	A6TBY54-E	54 point terminal block for use with QY81	£80.00
75541	A6TBX70-E	70 point terminal block for use with QX81	£105.00
39511	A6TBXY36	32 point terminal block for use with QX41/QX42/QY41/QY42, one wire	£58.50
75537	A6TBXY54	32 point terminal block for use with QX41/QX42/QY41/QY42, two wire	£72.00
75399	AC05TB-E	0.5m cable for use with terminal blocks for source type modules	£53.50
75400	AC10TB	1m cable for use with terminal blocks	£57.50
75401	AC10TB-E	1m cable for use with terminal blocks for source type modules	£60.50
142323	AC20TB	2m cable for use with terminal blocks	£58.50
75404	AC20TB-E	2m cable for use with terminal blocks for source type modules	£67.00
88266	AC30TB	3m cable for use with terminal blocks	£64.00
75406	AC30TB-E	3m cable for use with terminal blocks for source type modules	£72.00
75408	AC50TB-E	5m cable for use with terminal blocks for source type modules	£80.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
DISTRIBUTED CONTROL			
CC-Link Modules			
Master			
154748	QJ61BT11N	CC-Link Master/Local module	£177.00
133596	FX2N-16CCL-M	CC-Link master	£144.00
Distributed I/O ~ Digital input modules			
104422	AJ65SBTB1-8D	Small profile 8 DC input module	£106.00
136026	AJ65SBTB1-16D	Small profile 16 DC input module	£220.00
151186	AJ65SBTB3-16D	Small profile 16 DC input module	£220.00
136025	AJ65SBTB1-32D	Small profile 32 DC input module	£266.00
140145	AJ65SBTB1-32D1	Small profile 32 DC input module, high speed	£295.00
127118	AJ65SBTC1-32D	Small profile 32 DC input module - connector type	£266.00
75447	AJ65BTB1-16D	One wire type, DC input, 16 point module	£220.00
75450	AJ65BTB2-16D	Two wire type, DC input, 16 point module	£220.00
75455	AJ65BTC1-32D	One wire type, DC input, 32 point module	£266.00
202684	AJ65SBTB2N-16A	16 Point 110 VAC input	£221.00
Distributed I/O ~ Digital output modules			
140148	AJ65SBTB2N-8R	Small profile, relay output, 8 point module	£295.00
140149	AJ65SBTB2N-16R	Small profile, relay output, 16 point module	£363.00
75453	AJ65BTB2-16R	Two wire type, relay output, 16 point module	£220.00
104423	AJ65SBTB1-8T	Small profile 8 transistor output sink type	£106.00
129574	AJ65SBTB1-8TE	Small profile 8 point transistor output, source type	£127.00
129575	AJ65SBTB1-16TE	Small profile 16 point transistor output, source type	£180.00
138957	AJ65SBTB1-32T	Small profile 32 transistor output sink type	£266.00
75449	AJ65BTB1-16T	One wire type, transistor output, 16 point module, sink type	£220.00
75456	AJ65BTC1-32T	One wire type, transistor output, 32 point module, sink type	£266.00
Distributed I/O ~ Combination Digital I/O modules			
75448	AJ65BTB1-16DT	One wire type, 8 input, 8 transistor output, sink type	£220.00
75451	AJ65BTB2-16DR	One wire type, 8 input sink, 8 relay output	£220.00
Distributed I/O ~ Waterproof connector IP67			
104032	AJ65SBTW4-16D	16 Point 24VDC Input Sink Type	£297.00
104033	AJ65SBTW4-16DT	8 in, 8 out sink type 24VDC Combination module	£297.00
137588	AJ65FBTA4-16DE	16 Point 24VDC Input Source Type waterproof	£368.00
137590	AJ65FBTA42-16DTE	8 in, 8 out source type 24VDC Combination module waterproof	£549.00
Distributed I/O ~ Analogue input modules			
140146	AJ65SBT-64AD	4 channel input, -4000 to 4000, 0 to 4000, -10V to 10V, 0/1V to 5V, 0mA/4mA to +20mA	£409.00
251330	AJ65SBT2B-64AD	4 channel input, -4000 to 4000, 0 to 4000, -10V to 10V, 0/1V to 5V, 0mA/4mA to +20mA	£740.00
88026	AJ65BT-64RD3	4 channel Pt100 input - 3 wire connection	£689.00
88027	AJ65BT-64RD4	4 channel Pt100 input - 4 wire connection	£689.00
88025	AJ65BT-68TD	8 channel thermocouple input	£897.00
221862	AJ65SBT2B-64RD3	Small profile 4 channel Pt100 input - 3 wire connection	£666.00
Distributed I/O ~ Analogue output modules			
75446	AJ65BT-64DAV	4 channel voltage output, -2000 to 2000, -10V to 10V	£548.00
75445	AJ65BT-64DAI	4 channel current output, 0 to 4000, 4mA to 20mA	£548.00
140147	AJ65SBT-62DA	Small profile 2 channel current or voltage output	£542.00
221863	AJ65SBT2B-64DA	Small profile 4 channel current or voltage output	£666.00
Distributed I/O ~ High speed counter modules			
88028	AJ65BT-D62	2 channel, high speed counter	£464.00
Distributed I/O ~ Positioning module			
88002	AJ65BT-D75P2-S3	2 channel, positioning module, pulse train output	£797.00
Repeater modules			
130353	AJ65SBT-RPT	Repeater allowing 'T' branching and network extension	£105.00
137585	AJ65BT-RPI-10A	Optical infrared transmission module	£652.00
137586	AJ65BT-RPI-10B	Optical infrared transmission module	£652.00
Interface modules			
134950	AJ65BT-G4-S3	Remote programming interface for PLC stations	£377.00
88003	AJ65BT-R2	RS232 interface module	£453.00
216545	AJ65BT-R2N	RS-232 1-Channel, 2 24VDC input, 2 12/24 VDC sink transistor output	£545.00
217915	FX3U-64CCL	CC-Link Interface (slave) V2 compliant	£273.00
102961	FX2N-32CCL	CC-Link Interface (slave)	£230.00
210671	FR-A7NC-E KIT	CC-Link interface kit for E700 (including new cover)	£145.00
156778	FR-A7NC	CC-Link interface for A & F700 inverters	£145.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
CC-Link IE Field			



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
236484	QJ71GF11-T2	Q Series CC-Link IE Field Network Master/Local Module	£656.00
246346	LJ71GF11-T2	L-Series CC-Link IE Field Network Master/Local Module	£605.00
245177	QS0J71GF11-T2	QS Series CC-Link IE Field Network Master/Local Module	£2,153.00
238100	LJ72GF15-T2	L-Series CC-Link IE Field Network Head Module for L-Series I/O modules	£790.00
245858	MR-J3-T10	MR-J3-T10 CC-Link IE field network interface module	£339.00
244993	FR-A7NCE	FREQROL-A700 series CC-Link IE field network interface module	£308.00
247574	GT15-J71GF13-T2	GOT1000 Series CC-Link IE Field Network Communication Unit	£554.00
253007	NZ2GF-ETB	SLMP CC-Link IE Field Network Ethernet adapter unit	£1,142.00
260472	NZ2GF2B1-16D	16 points input, 24VDC (positive/negative common shared) 1-wire, terminal block type	£257.00
260473	NZ2GF2B1-16T	16 points output, 12 to 24VDC, 0.5A/point, 4A/common, transistor output (sink type) 1-wire	£277.00
260474	NZ2GF2B1-16TE	16 points output, 12 to 24VDC, 0.5A/point, 4A/common, transistor output (source type) 1-wire	£277.00
260505	NZ2GF2B-60AD4	4 channels voltage/current input, analogue input type	£615.00
260506	NZ2GF2B-60DA4	4 channels voltage/current output, analogue output type	£615.00
260507	NZ2EX2B1-16D	16 points input, 24VDC (positive/negative common shared) Extension, terminal block type	£205.00
260508	NZ2EX2B1-16T	16 points output, 12 to 24VDC, 0.5A/point, 4A/common, transistor output (sink type) 1-wire	£205.00
260509	NZ2EX2B1-16TE	16 points output, 12 to 24VDC, 0.5A/point, 4A/common, transistor output (source type) 1-wire	£205.00
259222	NZ2EHF-T8	CC-Link IE Field Industrial Layer-2 Switch 10 Mbps/100 Mbps - Can be used as standard unmanaged switch	£340.00
259221	NZ2EHG-T8	CC-Link IE Field Industrial Layer-2 Switch 10 Mbps/100 Mbps/1 Gbps - Can be used as standard unmanaged switch	£469.00
266367	CC-Link-IE-Field-Cable-1M-L	1M Internal Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£7.50
266368	CC-Link-IE-Field-Cable-3M-L	3M Internal Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£10.50
266369	CC-Link-IE-Field-Cable-5M-L	5M Internal Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£17.00
266370	CC-Link-IE-Field-Cable-10M-L	10M Internal Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£24.00
266371	CC-Link-IE-Field-Cable-10M-H	10M Superflex Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£130.00
266372	CC-Link-IE-Field-Cable-20M-H	20M Superflex Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£207.00
266373	CC-Link-IE-Field-Cable-100M-H	100M Superflex Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£830.00
266374	CC-Link-IE-Field-Cable-10M-O	10M halogenfree, flame retardant Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£67.00
266375	CC-Link-IE-Field-Cable-20M-O	20M halogenfree, flame retardant Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£112.00
266376	CC-Link-IE-Field-Cable-100M-O	100M halogenfree, flame retardant Patch Cable 1:1 Green Cat6E for CC-Link IE field Ethernet cable	£465.00

NOTE: Other cables length available on request

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Profibus Modules			
Master Module & Configuration Software			
140051	GX Configurator DP	Profibus Configuration Software including cable	£587.00
165374	QJ71PB92V	Profibus DP interface master module V1 Protocol	£587.00
166085	FX3U-64DP-M	PROFIBUS-DP interface master communication module	£451.00
252935	ME1PN1FW-CCPU	Q series Profinet RealTime communication master module	£2,327.00
255245	GX Configurator PN V01-1L0C-E	Q series Profinet RealTime communication master Configuration tool	£395.00
Slave Module			
143545	QJ71PB93D	Profibus DP Slave Module for Qn Series	£587.00
ST-Lite			
242279	STL-PB1	ST Lite PROFIBUS coupler	£264.00
242280	STL-BT1	ST Lite CC-Link coupler	£264.00
242281	STL-ETH1	ST Lite Ethernet ECO coupler Modbus TCP/IP	£264.00
264998	STL-W750-352	Coupler Ethernet/IP	£264.00
264650	STL-W750-370	Coupler Profinet	£264.00
242282	STL-DI8-V1	ST Lite 8DI 24V DC 0.2ms	£52.00
242283	STL-DI8-V2	ST Lite 8DI 24V DC 3.0ms	£52.00
242284	STL-DO4	ST Lite 4DO 24V DC 0.5A	£35.00
242295	STL-DO8	ST Lite 8DO 24V DC 0.5A	£58.00
242296	STL-RO2	ST Lite 2 DO Relay 230V AC, 30V DC, 2A	£48.00
242297	STL-AD2-V	ST Lite 2AI 0-10V DC S.E.	£175.00
242298	STL-AD2-I	ST Lite 2AI 4..20mA S.E.	£175.00
242299	STL-AD4-V1	ST Lite 4AI 0-10V DC S.E.	£156.00
242300	STL-AD4-V2	ST Lite 4AI ±10V DC S.E.	£181.00
242301	STL-AD4-I	ST Lite 4AI 4..20mA S.E.	£181.00
242302	STL-DA2-I	ST Lite 2AO 4..20mA	£185.00
242303	STL-DA2-V	ST Lite 2AO 0-10V DC	£185.00
242304	STL-DA4-V1	ST Lite 4AO 0-10V DC	£156.00
242305	STL-DA4-V2	ST Lite 4AO ±10V DC	£196.00
242306	STL-DA4-I	ST Lite 4AO 4..20mA	£177.00
242307	STL-TI2	ST Lite 2AI PT100/RTD adjustable	£211.00
242308	STL-ENC	ST Lite Incremental Encoder	£247.00
242309	STL-C100	ST Lite Up/Down Counter DC24V, 100kHz	£197.00
242310	STL-SSI	ST Lite SSI Transmitter Interface	£230.00
246445	STL-W750-655	AS-Interface Master V3	£238.50
242335	STL-W750-1422	4-Channel Digital Input Module 24 V 3-wire connection	£44.00
242336	STL-W750-516	4-Channel Digital Output Module 24 V DC - Short-circuit protected; low-side switching	£32.00
242337	STL-W750-650/000-010	Serial Interface RS-232 C	£213.00
249387	STL-W750-427	2-Channel Digital Input Module 110 V DC	£30.00
249388	STL-W750-612	Supply Module 24 V DC / 230 V AC/DC	£14.00
250504	STL-W750-1420	4-Channel Digital Input Module 24 V DC - 3-wire connection	£41.00
250525	STL-W750-469/003-000	2 AI Thermocouple Adjustable - Type L, K, J, E, T, N, U, B, R, S, ±30mV, ±60mV & ±120mV	£189.00
250526	STL-W750-531	4-Channel Digital Output Module DC 24 V 2-conductor connection; short-circuit-protected	£31.00
251138	STL-W750-406	2-Channel Digital Input Module 120 V AC	£31.00
251190	STL-W750-469	2-Channel Analog Input Module for Thermocouples K-type	£29.00
242311	STL-PS	ST Lite 24V DC Power Supply for field devices	£16.00
242312	STL-BPS	ST Lite 24V DC Bus Power Supply (internal 5V)	£121.00
242313	STL-ET	ST Lite End Module	£13.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
242314	STL-CCLink con	STlite fieldbus connector for CC-Link head station	£22.00
245977	STL-USB Cable	ST Lite programming cable	£45.00
261050	GX Configurator ST-Lite	Optional ST-Lite setup tool, free download from the Mitsubishi Automation web site via My Mitsubishi	£0.00
ST1 series Distributed I/O Bridge Module			
152951	ST1H-PB	Profibus DP Head station, Profibus Slave up to 12MBAud, SUB-D	£215.00
214496	ST1H-BT	CC Link Head station, CC Link slave	£192.00
ST1 series Distributed I/O ~ Power supply modules (Must be used as part of a system with a ST1 series bridge module ST1H-PB)			
152952	ST1PSD	Power supply module, 24V DC supply for internal backplane	£63.00
152953	ST1PDD	Power distribution and Bus refresh module, 24V DC supply	£28.50
ST1 series Distributed I/O ~ Digital input modules (Must be used as part of a system with a ST1 series bridge module ST1H-PB)			
152964	ST1X2-DE1	Input module, 2 Inputs, 24V DC, Source, 1 Module size	£23.00
152965	ST1X4-DE1	Input module, 4 Inputs, 24V DC, Source, 1 Module size	£28.50
152966	ST1X16-DE1	Input module, 16 Inputs, 24V DC, Source, 8 Module size	£68.00
ST1 series Distributed I/O ~ Digital o/p modules (Must be used as part of a system with a ST1 series bridge module ST1H-PB)			
152967	ST1Y2-TE2	Output module, 2 Outputs Transistor 24VDC, 0.5A, with Fuse, Source, 1 Module size	£26.50
152968	ST1Y16-TE2	Output module, 16 Outputs Transistor 24VDC, 0.5A, with Fuse, Source, 8 Module size	£74.00
152969	ST1Y2-TPE3	Output module, 2 Outputs Transistor 24VDC, 1A, Protected, Source, 1 Module size	£34.00
152970	ST1Y16-TPE3	Output module, 16 Outputs Transistor 24VDC, 1A, Protected, Source, 8 Module size	£108.00
152971	ST1Y2-R2	Output module, 2 Outputs Relay, 1 Module size	£39.50
ST1 series Distributed I/O ~ Analogue modules (Must be used as part of a system with a ST1 series bridge module ST1H-PB)			
152972	ST1AD2-V	Analogue input module, 2 Inputs, Voltage, 12 Bit signed, 1 Module size	£158.00
152973	ST1AD2-I	Analogue input module, 2 Inputs, Current, 12 Bit signed, 1 Module size	£158.00
169406	ST1RD2	RTD input module, 2 channel PT100, PT1000 1Module size	£168.00
152975	ST1DA2-V	Analogue output module, 2 Outputs, Voltage, 12 Bit signed, 1 Module size	£150.00
152976	ST1DA1-I	Analogue output module, 1 Output, Current, 12 Bit signed, 1 Module size	£134.00
193660	ST1SSI	Absolute encoder input module, 1 Chan, up to 2MHz	£157.00
ST1 series Distributed I/O ~ Base modules (Terminal and carrier)			
152908	ST1B-S4P2-H-SET	Base 2x4 Spring clamp terminal for power supply module (ST1PSD)	£25.50
152909	ST1B-S4P2-R-SET	Base 2x4 Spring clamp terminal for power refresh module (ST1PDD)	£25.50
152910	ST1B-S4P2-D	Base 2x4 Spring clamp terminal for bus refresh module (ST1PDD)	£14.00
152918	ST1B-E4P2-H-SET	Base 2x4 Screw type terminal for power supply module (ST1PSD)	£24.50
152919	ST1B-E4P2-R-SET	Base 2x4 Screw type terminal for power refresh module (ST1PDD)	£34.00
152920	ST1B-E4P2-D	Base 2x4 Screw type terminal for bus refresh module (ST1PDD)	£16.00
ST1 series Distributed I/O ~ Base and terminals for Digital i/p modules (Must be used as part of a system with a ST1 digital input module)			
152911	ST1B-S4X2	Base 2x4 Spring clamp terminal for 2 pt. Digital input module (ST1X2-DE1)	£11.50
152912	ST1B-S6X4	Base 2x6 Spring clamp terminal for 4 pt. Digital input module (ST1X4-DE1)	£14.00
152913	ST1B-S4X16	Base 16x4 Spring clamp terminal for 16 pt. Digital input module (ST1X16-DE1)	£90.50
152921	ST1B-E4X2	Base 2x4 Screw type terminal for 2 pt. Digital input module (ST1X2-DE1)	£16.00
152922	ST1B-E6X4	Base 2x6 Screw type terminal for 4 pt. Digital input module (ST1X4-DE1)	£16.00
152923	ST1B-E4X16	Base 16x4 Screw type terminal for 16 pt. Digital input module (ST1X16-DE1)	£113.00
ST1 series Distributed I/O ~ Base and terminals for Digital o/p modules (Must be used as part of a system with a ST1 digital input module)			
152914	ST1B-S3Y2	Base 2x3 Spring clamp terminal for 2 pt. Digital output module (ST1Y2-TE2 / ST1Y2-TPE3)	£11.50
152915	ST1B-S3Y16	Base 16x3 Spring clamp terminal for 16 pt. Digital output module (ST1Y16-TE2 / ST1Y16-TPE3)	£101.50
152924	ST1B-E3Y2	Base 2x3 Screw type terminal for 2 pt. Digital output module (ST1Y2-TE2 / ST1Y2-TPE3)	£14.00
152925	ST1B-E3Y16	Base 16x3 Screw type terminal for 16 pt. Digital output module (ST1Y16-TE2 / ST1Y16-TPE3)	£90.50
ST1 series Distributed I/O ~ Base and terminals for Analogue and Relay o/p modules (Must be used as part of a system with a ST1 digital input module)			
152916	ST1B-S4IR2	Base 2x4 Spring clamp terminal for 2 pt. Relay- and analogue module (ST1Y2-R2 / ST1AD / ST1DA)	£11.50
152927	ST1B-E4IR2	Base 2x4 Screw type terminal for 2 pt. Relay- and analogue module (ST1Y2-R2 / ST1AD / ST1DA)	£14.00
ST1 series Distributed I/O ~ Accessories (optional)			
Markers (Colour and numbers)			
152928	ST1A-WMK-BL	Wiring Markers, 10 pcs., strips with 8pcs., colour blue (0V, N)	£3.50
152929	ST1A-WMK-RD	Wiring Markers, 10 pcs., colour red (+24VDC, +5VDC)	£3.50
152930	ST1A-WMK-GN	Wiring Markers, 10 pcs., colour green (Shield)	£3.50
152931	ST1A-WMK-BK	Wiring Markers, 10 pcs., colour black (Signals)	£3.50
152932	ST1A-WMK-BR	Wiring Markers, 10 pcs., colour brown (L1)	£3.50
152933	ST1A-WMK-RD/BL	Wiring Markers, 10 pcs., colour red/blue (intern. voltage)	£3.50
152934	ST1A-WMK-GN/YL	Wiring Markers, 10 pcs., colour green/yellow (PE, ground)	£3.50
152935	ST1A-WMK-WH	Wiring Markers, 10 pcs., colour white (other purpose)	£3.50
152936	ST1A-BMK-50	Terminal Markers, white, 10 pcs. of 10 signs, Printed numbers 01-50	£11.00
152937	ST1A-BMK-100	Terminal Markers, white, 10 pcs. of 10 signs, Printed numbers 51-100	£11.00
152938	ST1A-BMK-200	Terminal Markers, white, 10 pcs. of 10 signs, Printed numbers 151-200	£11.00
152947	ST1A-SLD-S	Shield-connector, 10 pcs., Analogue cables for Spring type module	£89.50
152948	ST1A-SLD-E	Shield-connector, 10 pcs., Analogue cables for Screw type module	£89.50
152939	ST1A-CKY-02	Coding element, 10 pcs., (Spare part) for digital input 24VDC, light grey	£4.50
152940	ST1A-CKY-06	Coding element, 10 pcs., (Spare part) for power module 24VDC, red	£4.50
152941	ST1A-CKY-08	Coding element, 10 pcs., (Spare part) for digital output 24VDC, orange	£4.50
152942	ST1A-CKY-11	Coding element, 10 pcs., (Spare part) for analogue output voltage, blue	£4.50
152943	ST1A-CKY-12	Coding element, 10 pcs., (Spare part) for analogue output current, blue	£4.50
152944	ST1A-CKY-13	Coding element, 10 pcs., (Spare part) for analogue input voltage/Pt/Thermo, green	£4.50
152945	ST1A-CKY-14	Coding element, 10 pcs., (Spare part) for analogue input current, green	£4.50
152946	ST1A-CKY-17	Coding element, 10 pcs., (Spare part) for digital output relay, brown	£4.50
152949	ST1A-EPL	End plate for System-end covering, (spare part) 10 pcs.	£34.00
152950	ST1A-EBR	End bracket for System-end fixing, (spare part) 10 pcs.	£4.50
Interface Modules			
62125	FX0N-32NT-DP	Profibus DP Interface (slave)	£246.00
210673	FR-A7NP-E KIT	Profibus interface kit for E700 (including new cover)	£214.00
158524	FR-A7NP	Profibus interface for A & F700 inverters	£214.00
142763	FX2N-32DP-IF-D	Profibus remote I/O block - uses standard FX0N and FX2N I/O and analogue special function block (except FX2N-8AD) 24V DC Powered	£262.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
DeviceNet			
Master Module			
136390	QJ71DN91	DeviceNet interface master module	£881.00
Interface Modules			
131708	FX2N-64DNET	DeviceNet Interface (slave)	£255.00
210704	FR-A7ND-E KIT	Device net interface kit for E700 (including new cover)	£214.00
158525	FR-A7ND	DeviceNet interface for A & F700 inverters	£214.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
AS-i			
Master Modules			
143531	QJ71AS92	AS-i Master for Qn Series PLC's, dual network, dual master	£405.00
103314	FX2N-32ASI-M	AS-i Master for FX Series PLC's, single network, single master	£142.00
Interface Modules			
142525	AL2-ASI-BD	AS-i interface board for use with AL2-14MR or AL2-24MR	£52.50

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
PERSONAL COMPUTER BOARDS			
Network Interface Boards			
136367	Q80BD-J71LP21-25	MELSECNET/H Control/normal station, SI fibre cable	£1,232.00
136366	Q80BD-J71BR11	MELSECNET/H Control/normal station, coaxial cable	£1,232.00
75563	A70BD-J71QLP23	MELSECNET/10 Network interface board for PC/AT, SI fibre cable	£1,476.00
126889	A70BDE-J71QBR13	MELSECNET/10 Network interface board for PC/AT, coaxial cable	£1,476.00
131441	A80BDE-J61BT11	CC-Link Master/Local station network interface board for PC/AT	£934.00
102866	A80BDE-J61BT13	CC-Link Intelligent/Local station network interface board for PC/AT	£684.00
208817	Q80BD-J71GP21-SX	CC-Link IE PC Network dual loop fibre module (1000BASE-SX) control/normal station	£1,987.00
208818	Q80BD-J71GP21S-SX	CC-Link IE PC Network dual loop fibre module (1000BASE-SX) control/normal station with PSU	£2,341.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
HMI PRODUCTS			
iX Developer HMI's and Software			
247033	iX Panel T4A	4.3" TFT, 65K colour 16:9 widescreen HMI, 480 x 272 pixels; resistive touch, 24V DC with Ethernet, 2 x RS232/422/485, USB & SD card slot	£508.00
244464	iX Panel T7A	7" TFT, 65K colour 16:9 widescreen HMI, 800 x 480 pixels; resistive touch, 24V DC with Ethernet, 2 x RS232/422/485, USB & SD card slot	£1,082.00
247034	iX Panel T10A	10.4" TFT, 65K colour 4:3 HMI, 640 x 480 pixels; resistive touch, 24V DC with Ethernet, 2 x RS232/422/485, USB & SD card slot	£1,543.00
251185	iX Panel T7B	7" TFT, 262K colour 16:9 widescreen HMI, 800 x 600 pixels; resistive touch, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 3 x USB & SD card slot	£1,653.00
251186	iX Panel T12B	12" TFT, 262K colour 16:10 widescreen HMI, 1200 x 800 pixels; resistive touch, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 3 x USB & SD card slot	£2,425.00
251187	iX Panel T15B	15" TFT, 262K colour 16:10 widescreen HMI, 1200 x 800 pixels; resistive touch, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 3 x USB & SD card slot	£2,865.00
258137	iX Panel T12C	12.1" TFT, 16M colour 1200 x 800 pixels; resistive touch, 16:10 widescreen panel PC. Intel Celeron CPU (2x1.6GHz), 2GB RAM, 64GB SSD, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 4 x USB & mini PCIe expansion slot	£3,544.00
251188	iX Panel T15C	15.4" TFT, 16M colour 1200 x 800 pixels; resistive touch, 16:10 widescreen panel PC. Intel Celeron CPU (2x1.6GHz), 2B RAM, 64GB SSD, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 4 x USB & mini PCIe expansion slot	£3,967.00
251189	iX Panel T21C	21.5" TFT, 16M colour 1920 x 800 pixels; resistive touch, 16:9 widescreen panel PC. Intel Celeron CPU (2x1.6GHz), 2GB RAM, 64GB SSD, 24V DC with 2 x Ethernet, 2 x RS232/422/485, 4 x USB & mini PCIe expansion slot	£4,518.00
248020	iX Developer V01-1L0C-M	iX Developer HMI/soft HMI project development software	£308.00
242212	iX Runtime 250	iX Developer soft HMI runtime licence with USB dongle - 250 tags	£851.00
242213	iX Runtime 2000	iX Developer soft HMI runtime licence with USB dongle - 2000 tags	£2,132.00
242214	iX Runtime 4000	iX Developer soft HMI runtime licence with USB dongle - 4000 tags	£2,589.00
249286	CAB100/3m	CAB100/3m Cable between GE Fanuc and iX Panel TxA/B	£27.50
249287	CAB101/3m	CAB101/3m Cable between MELSEC Q and iX Panel TxA/B	£18.00
249299	CAB102	CAB102 Cable for MPI direct TxA/B	£147.00
249291	CAB103/3m	CAB103/3m Cable between MELSEC FX1/2/3-series and iX Panel TxA/B	£18.00
249289	CAB103/10m	CAB103/10m Cable between MELSEC FX1/2/3-series and iX Panel TxA/B	£50.00
249290	CAB103/15m	CAB103/15m Cable between MELSEC FX1/2/3-series and iX Panel TxA/B	£72.50
249292	CAB104/3m	CAB104/3m Cable between PC standard RS232 and iX Panel TxA/B	£27.50
249293	CAB105/3m	CAB105/3m Cable between Allen Bradley Micrologix and iX Panel TxA/B	£13.50
249294	CAB106/3m	CAB106/3m Cable between OMRON Host Link and iX Panel TxA/B	£13.50
249295	CAB107/0,2M	CAB107/0,2M 9pin Dsub to 25pin Dsub, for using EXTER 422/485 cables on TxA/B	£18.00
249296	CAB109	CAB109 Y-split cable to utilize more than two COM ports on iX Panel TxA/B	£18.00
249297	CAB108	CAB108 Gender changer. 9pin Dsub male/male	£50.00
249298	CAB110	CAB110 Cable for MELSEC Q Transparent mode	£23.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
E 1000 HMI's and Software			
202084	E1012	HMI with keys, 160x32 pixels, monochrome FSTN display, 24V DC, no cable	£242.00
202085	E1022	HMI with keys, 240x64 pixels, monochrome FSTN display, 24V DC, no cable	£422.00
169297	E1032	HMI with keys, 240x64 pixels, monochrome FSTN display, 24V DC, no cable	£735.00
169298	E1041	Touch screen HMI, 3.5" TFT-display, 64k colours, 320x240 pixels, 24V DC, no cable	£678.00
169299	E1043	Touch screen HMI, 3.5" TFT display, 16 greyscales, 320 x 240 pixels, 24V DC, no cable	£565.00
216254	E1060 (TFT)	HMI with keys, 5.7" TFT display, 65k colours, 320 x 240 pixels, 24V DC, no cable	£1,242.00
216305	E1061 (TFT)	Touch screen HMI, 5.7" TFT display, 65k colours, 320 x 240 pixels, 24V DC, no cable	£1,242.00
216306	E1062 (TFT)	HMI with keys, 5.7" TFT display, 16 greyscales, 320 x 240 pixels, 24V DC, no cable	£960.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
216307	E1063 (TFT)	Touch screen HMI, 5.7" TFT display, 16 greyscales, 320x240 pixels, 24V DC, no cable	£960.00
156096	E1070	HMI with keys 6.5" TFT display, 65K colours, 640 x 480 pixels, 24V DC, no cable	£1,519.00
156097	E1071	Touch screen HMI, 6.5" TFT display, 65K colours, 640 x 480 pixels, 24V DC, no cable	£1,519.00
156098	E1100	HMI with keys 10.4" TFT display, 65K colours, 800 x 600 pixels, 24V DC, no cable	£2,357.00
156099	E1101	Touch screen HMI, 10.4" TFT display, 65K colours, 800 x 600 pixels, 24V DC, no cable	£2,357.00
156100	E1151	Touch screen HMI, 15" TFT display, 65K colours, 1024 x 768 pixels, 24V DC, no cable	£2,936.00
203301	E1070 Pro+	HMI with keys, 6.5" TFT display, 65K colours, 640 x 480 pixels, 24V DC, 64MB CF card, Document-Display functions, no cable	£1,630.00
203302	E1071 Pro+	Touch screen HMI, 6.5" TFT display, 65K colours, 640 x 480 pixels, 24VDC, 64MB CF card, Document-Display functions, no cable	£1,630.00
203324	E1101 Pro+	Touch screen HMI, 10.4" TFT display, 65K colours, 800 x 600 pixels, 24V DC, 64MB CF card, Document-Display functions, no cable	£2,470.00
203325	E1151 Pro+	Touch screen HMI, 15" TFT display, 65K colours, 1024 x 768 pixels, 24V DC, 64MB CF card, Document-Display functions, no cable	£3,049.00
140062	E-Designer Kit	Programming software for E Series, inc. CAB5 HMI programming cable and complete set of electronic manuals for E Series HMI's.	£117.00
200451	E-Designer E1000 Kit	Programming software for E1000 Series, inc. CAB30 HMI programming cable and complete set of electronic manuals for E1000 Series HMI's.	£113.00
136498	E-Designer CD	Programming software for E Series, CD only and electronic manuals.	£90.50

E 1000 Accessories

124262	CAB2-HMI	Cable between E Series and Allen Bradley Micrologix	£43.00
124265	CAB5-HMI	Programming cable for E Series and connecting to 1) SIMATIC S5 3964R (with a null modem) 2) SIMATIC S7 MPI with CAB11-HMI 3) SIMATIC S7 3964R 4) Allen-Bradley SLC-500	£43.00
124268	CAB8-HMI E-RS485	Cable between E Series and FX485 and SIMATIC S7-200	£88.50
130049	CAB9-ADP CABLE	Cable between E Series/E1000 HMIs and Freqrol Drives	£46.00
130048	CAB10-HMI	RS485 adapter for Allen-Bradley DH485 connection	£88.50
132351	CAB11-HMI	Signal converter for SIMATIC S7 MPI (with CAB5-HMI or CAB6-HMI)	£203.00
140461	CAB16-HMI	Connecting cable for E Series RS232 port to Qn Series PLC RS232 port	£43.00
140472	CAB17-HMI	Connecting cable for E Series RS422 port to Qn Series PLC RS232 port	£88.50
146855	CAB18/3M-HMI	Connecting cable for E Series to AnS, A, QnA, QnAS and FX or together with FX-20P-CADP for E Series to FX0, FXnS, FXnN	£43.00
146858	CAB18/10M-HMI	Connecting cable for E Series to AnS, A, QnA, QnAS and FX or together with FX-20P-CADP for E Series to FX0, FXnS, FXnN	£59.50
146860	CAB19/1M-HMI	Connecting cable for E Series & E1000 to all FX0/1/2/3 CPUs 1.5 meters	£43.00
146861	CAB19/3M-HMI	Connecting cable for E Series & E1000 to all FX0/1/2/3 CPUs 3 meters	£47.00
87652	CAB19/5M-HMI	Connecting cable for E Series & E1000 to all FX0/1/2/3 CPUs 5 meters	£50.00
146863	CAB19/10M-HMI	Connecting cable for E Series & E1000 to all FX0/1/2/3 CPUs 10 meters	£53.50
146864	CAB19/15M-HMI	Connecting cable for E Series & E1000 to all FX0/1/2/3 CPUs 15 metres	£65.00
163002	CAB30	Connector cable between PC and RS232 of E1000-Series; 3 m Connector cable between CAB11 (MPI converter) and RS232 of E1000-Series; 3 m	£43.00
168818	CAB30 C24/3M	CAB 30 version with one male 9 pin D Sub connector, suitable for use with C24 comms cards	£43.00
163003	CAB31	Connector cable between A-B Micrologix and RS232 of E1000-Series; 3 m	£43.00
163004	CAB32	Connector cable between Omron Hostlink and RS232 of E1000-Series; 3 m	£43.00
163006	CAB34/3M	Connector cable between MELSEC System Q and E1000-Series, 3 m	£43.00
169488	E1000 EM Profibus DP Module	Profibus DP slave interface for E1000 HMI's	£339.00
229686	E1000 EM - CAN	CANbus J1939 interface for E1000 HMI's	£342.00
209884	E1000 EM-Ethernet	E1000 Ethernet option board for E1012/E1022 operator panels	£92.50
217656	E1000 16 Key external Keyboard	Extension for E1000 HMI, 16 function keys and 16 LEDs, serial connection	£361.00
134893	CAB DC24-5V	Power converter cable 24VDC to 5VDC for E50/E100/E150	£37.50
56173	CR-01	RS-422 signal amplifier.	£246.00
208586	E1000 Adapter plate E1022 - E200	Adapter plate for E1022 operator terminal in E200 mounting hole	£56.50
191316	E1000 Adapter plate E1032 - E300	Adapter plate for E1032 operator terminal in E300 mounting hole	£96.50
191317	E1000 Adapter plate E1060 - E700	Adapter plate for E1060 operator terminal in E700 mounting hole	£96.50
191318	E1000 Adapter plate E1061/E1063	Adapter plate for E1061/E1063 operator terminal in E610/E615 mounting hole	£96.50
191319	E1000 Adapter plate E1070 - E700	Adapter plate for E1070 operator terminal in E700 mounting hole	£96.50
191320	E1000 Adapter plate E1071 - E710	Adapter plate for E1071 operator terminal in E710 mounting hole	£96.50
191321	E1000 Adapter plate E1100 - E900	Adapter plate for E1100 operator terminal in E900 mounting hole	£104.00
191322	E1000 Adapter plate E1101 - E910	Adapter plate for E1101 operator terminal in E910 mounting hole	£104.00
209885	E1032 Plexiglas Stand	E1032 Plexiglas stand	£94.50
209886	E1041, E1043 Plexiglas Stand	E1041, E1043 Plexiglas stand	£94.50
209887	E1060 Plexiglas Stand	E1060 Plexiglas stand	£94.50
209888	E1061, E1063 Plexiglas Stand	E1061, E1063 Plexiglas stand	£94.50
209889	E1070 Plexiglas Stand	E1070 Plexiglas stand	£94.50
209890	E1071 Plexiglas Stand	E1071 Plexiglas stand	£94.50
209891	E1100 Plexiglas Stand	E1100 Plexiglas stand	£123.00
209892	E1101 Plexiglas Stand	E1101 Plexiglas stand	£123.00
209893	E1151 Plexiglas Stand	E1151 Plexiglas stand	£139.00
206839	E1061/63 Protection sheet	1 protective sheet for E1061/63 screen	£16.50
168122	E1071 Protection sheet	1 protective sheet for E1071 screen	£41.00
168123	E1101 Protection sheet	1 protective sheet for E1101 screen	£50.00
168154	E1151 Protection sheet	1 protective sheet for E1151 screen	£67.00
142486	E610/E615 Protection sheet	5 protective sheets for E610/615	£108.00

NOTE: Refer to the FX Family section for suitable stand alone 24V DC Power Supplies from 2.5 to 40A

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
GOT 1000 SERIES HMI's			
24V DC Powered			
GT1000 / GT1100 Range			
200491	GT1020-LBD	Graphic Touch terminal; 3.7" STN-Display; 160x64 pixels; monochrome, (red, green, amber backlight) 24V DC, RS422 PLC-interface	£199.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
200492	GT1020-LBD2	Graphic Touch terminal; 3.7" STN-Display; 160x64 pixels; monochrome, (red, green, amber backlight) 24V DC, RS232 PLC-interface	£199.00
200738	GT1020-LBL	Graphic Touch terminal; 3.7" STN-Display; 160x64 pixels; monochrome, (red, green, amber backlight) 5V DC via FX-CPU-Port, RS422 to FX	£199.00
208668	GT1020-LBDW	Graphic Touch terminal; 3.7" STN-Display; 160x64 pixels; monochrome, (red, white, pink backlight) 24V DC, RS422 PLC-interface	£199.00
208670	GT1020-LBLW	Graphic Touch terminal; 3.7" STN-Display; 160x64 pixels; monochrome, (red, white, pink backlight) 5V DC via FX-CPU-Port, RS422 to FX	£199.00
242110	GT1030-HBD	Graphic Touch terminal; 4.5" STN-Display; 288x96 pixels; monochrome, (red, green, amber backlight) 24V DC, RS422 PLC-interface	£313.00
242111	GT1030-HBD2	Graphic Touch terminal; 4.5" STN-Display; 288x96 pixels; monochrome, (red, green, amber backlight) 24V DC, RS232 PLC-interface	£313.00
242118	GT1030-HBL	Graphic Touch terminal; 4.5" STN-Display; 288x96 pixels; monochrome, (red, green, amber backlight) 5V DC via FX-CPU-Port, RS422 to FX	£313.00
242112	GT1030-HBDW	Graphic Touch terminal; 4.5" STN-Display; 288x96 pixels; monochrome, (red, white, pink backlight) 24V DC, RS422 PLC-interface	£313.00
221930	GT1040-QBBD	Graphic Touch terminal; 4.7" STN-Display; 320x240 pixels; monochrome, (white/blue 16 scales) 24V DC, RS232/422 & USB interfaces	£346.00
221929	GT1045-QSBD	Graphic Touch terminal; 4.7" STN-Display; 320x240 pixels; 256 colours, 24V DC, RS232/422 & USB interfaces	£471.00
218492	GT1050-QBBD	Graphic Touch terminal; 5.7" STN-Display; 320x240 pixels; monochrome, (white/blue 16 scales) 24V DC, RS232/422 & USB interfaces	£349.00
218491	GT1055-QSBD	Graphic Touch terminal; 5.7" STN-Display; 320x240 pixels; 256 colours, 24V DC, RS232/422 & USB interfaces	£522.00
170180	GT1150HS-QLBD Handy-Type	Graphic Touch terminal; 5.7" STN-Display; 320x240 Pixel; 16 greyscales, hand held version with latchable stop switch, 24VDC Supply	£893.00
170181	GT1155HS-QSBD Handy Type	Graphic Touch terminal; 5.7" STN-Display; 320x240 Pixel; 256 colours, hand held version with latchable stop switch, 24VDC Supply	£1,061.00
GT1400 Range & accessories			
248880	GT1450-QLBDE	Graphic Touch terminal; 5.7" STN-Display; 320x240 Pixel; 16 greyscales, 24V DC, RS232,422, USB & Ethernet interfaces, USB & SD Memory card slots	£558.00
248881	GT1455-QTBDE	Graphic Touch terminal; 5.7" TFT-Display; 320x240 Pixel; 65K colours, 24V DC, RS232,422, USB & Ethernet interfaces, USB & SD memory card slots	£725.00
248882	GT14-RS2T4-9P	RS232 to RS485 Converter for GT14 HMIs	£87.50
248883	GT14-C10EXUSB-4S	Waterproof USB Host cable	£111.00
GT1200 Range			
237189	GT1265-VNBD	Graphic Touch terminal; 8.4" TFT-Display, 640x480 pixels, 256 colours, 24VDC, Ethernet, RS232/422 & USB interfaces	£1,143.00
237188	GT1275-VNBD	Graphic Touch terminal; 10.4" TFT-Display, 640x480 pixels, 256 colours, 24VDC, Ethernet, RS232/422 & USB interfaces	£1,421.00
GT1600 Range			
244210	GT1655-VTBD	Graphic Touch terminal; 5.7" TFT Display; 640x480 pixels, 65K colours, 24V DC	£1,410.00
237235	GT1662-VNBD	Graphic Touch terminal; 8.4" TFT Display; 640x480 pixels, 16 colours, 24V DC	£1,430.00
221952	GT1665M-VTBD	Graphic Touch terminal; 8.4" TFT Display, 640x480 pixels, 65536 colours, 24V DC	£1,726.00
221950	GT1665M-STBD	Graphic Touch terminal; 8.4" TFT Display; 800x600 pixels, 65536 colours, 24V DC	£2,270.00
237193	GT1672-VNBD	Graphic Touch terminal; 10.4" TFT Display; 640x480 pixels, 16 colours, 24V DC	£1,671.00
237191	GT1675-VNBD	Graphic Touch terminal; 10.4" TFT Display; 640x480 pixels, 256 colours, 24V DC	£1,671.00
221948	GT1675M-VTBD	Graphic Touch terminal; 10.4" TFT Display, 640x480 pixels, 65536 colours, 24V DC	£2,405.00
221946	GT1675M-STBD	Graphic Touch terminal; 10.4" TFT Display, 800x600 pixels, 65536 colours, 24V DC	£2,719.00
221361	GT1685M-STBD	Graphic Touch terminal; 12.1" TFT Display, 800x600 pixels, 65536 colours, 15MB Memory, 24VDC	£2,763.00
221359	GT1695M-VTBD	Graphic Touch terminal; 15" TFT Display, 1024x768 pixels, 65536 colours, 15MB Memory, 24VDC	£3,233.00
GT1600 HandyGOT & Accessories			
237248	GT1665HS-VTBD	Graphic Touch terminal; portable Handy type, 6.5" TFT-Display; 640x280 Pixel; 64k colours	£2,147.00
237249	GT16H-60ESCOV	Emergency switch cover for GT1665HS-VTBD	£14.00
237250	GT16H-60PSC	Protective sheets for GT1665HS-VTBD; Set includes 5pcs	£82.00
237251	GT16H-CNB-42S	Connector Box for GT1665HS-VTBD	£357.00
237252	GT16H-C30-42P	Conn. cable for HandyGOT and Connector Box; 3 m; connector	£252.00
237253	GT16H-C60-42P	Conn. cable for HandyGOT and Connector Box; 6 m; connector	£357.00
237254	GT16-C100-42P	Conn. cable for HandyGOT and Connector Box; 10 m; connector	£420.00
NOTE: Refer to the FX Family section for suitable stand alone 24V DC Power Supplies from 2.5 to 40A			
110-240V AC Powered			
GT1200 Range			
229837	GT1265-VNBA	Graphic Touch terminal; 8.4" TFT-Display, 640x480 pixels, 256 colours, 100-240VAC, Ethernet, RS232/422 & USB interfaces	£1,084.00
229836	GT1275-VNBA	Graphic Touch terminal; 10.4" TFT-Display, 640x480 pixels, 256 colours, 100-240VAC, Ethernet, RS232/422 & USB interfaces	£1,360.00
GT1500 Range			
169464	GT1595-VTBA	Graphic Touch terminal; 15", 1024x768 Pixel, 9MB Memory, 256/65K colour TFT-Display, 100-240VAC	£2,848.00
GT1600 Range			
237194	GT1662-VNBA	Graphic Touch terminal; 8.4" TFT Display, 640x480 pixels, 16 colours, 100-240V AC	£1,368.00
221951	GT1665M-VTBA	Graphic Touch terminal; 8.4" TFT Display, 640x480 pixels, 65536 colours, 100-240V AC	£1,726.00
221949	GT1665M-STBA	Graphic Touch terminal; 8.4" TFT Display; 800x600 pixels, 65536 colours, 100-240V AC	£2,270.00
237192	GT1672-VNBA	Graphic Touch terminal; 10.4" TFT Display, 640x480 pixels, 16 colours, 100-240V AC	£1,607.00
237190	GT1675-VNBA	Graphic Touch terminal; 10.4" TFT Display, 640x480 pixels, 256 colours, 100-240V AC	£1,927.00
221947	GT1675M-VTBA	Graphic Touch terminal; 10.4" TFT Display, 640x480 pixels, 65536 colours, 100-240V AC	£2,405.00
221945	GT1675M-STBA	Graphic Touch terminal; 10.4" TFT Display, 800x600 pixels, 65536 colours, 100-240V AC	£2,719.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
221360	GT1685M-STBA	Graphic Touch terminal: 12.1" TFT Display,800x600 pixels, 65536 colours, 15MB Memory, 100-240V AC	£2,763.00
221358	GT1695M-XTBA	Graphic Touch terminal: 15" TFT Display,1024x768 pixels, 65536 colours, 15MB Memory, 100-240V AC	£3,233.00

Soft HMI			
235864	GT SoftGOT1000-USB RT V03-1	SoftGOT - PC-based GOT HMI software with USB licence dongle	£853.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
GOT 1000 Series Accessories			
200493	GT10-C10R4-8P	GT1020/1030 to FXCPU communication cable RS422, length 1m, Mini-DIN 8-pin plug	£16.00
200494	GT10-C30R4-8P	GT1020/1030 to FXCPU communication cable RS422, length 3m, Mini-DIN 8-pin plug	£21.50
200495	GT10-C100R4-8P	GT1020/1030 to FXCPU communication cable RS422, length 10m, Mini-DIN 8-pin plug	£39.00
200496	GT10-C30R4-25P	GT1020/1030 to QnA/ACPU communication cable RS422, length 3m, 25-pin D-SUB plug	£21.50
200497	GT10-C100R4-25P	GT1020/1030 to QnA/ACPU communication cable RS422, length 10m, 25-pin D-SUB plug	£39.00
200498	GT10-C30R2-6P	GT1020/1030 to SystemQ CPU communication cable RS232, length 3m, Mini-DIN 6-pin plug	£21.50
215384	GT10-Connector terminal	Connector terminal for GT1020/1030 9-way screw terminal	£10.00
218493	GT10-50FMB	Data transfer memory module for GT1040/45/50/55 HMIs	£28.00
163942	GT11-50FNB	Function card to use additional functionality of GT1100 HMIs	£35.00
163943	GT11-50BAT	Battery for GT10 & GT11 HMIs for clock and data backup	£34.00
191023	GT11H-50PSC	Protective sheets for GT11H Handy Type GOT1000; 5.7", set includes 5 pieces	£35.00
163949	GT01-C10R4-8P	Cable between MELSEC FX PLCs RS422 (8pin Mini-Din) and GOT1000 HMIs RS422; 1m	£26.50
163948	GT01-C30R4-8P	Cable between MELSEC FX PLCs RS422 (8pin Mini-Din) and GOT1000 HMIs RS422; 3m	£38.00
163950	GT01-C100R4-8P	Cable between MELSEC FX PLCs RS422 (8pin Mini-Din) and GOT1000 HMIs RS422; 10m	£70.00
163953	GT01-C30R4-25P	Cable between MELSEC FX PLCs RS232/QnA CPU Port RS422 (25pin D-SUB) & GOT1000, 3m	£121.00
163959	GT01-C30R2-6P	Cable between Qn CPU-Port RS232 (6pin Mini-Din) and GOT1100/1500, RS232, also programming cable for GT10 series; 3m	£47.50
189489	GT09-C20USB-PROG-2M	USB programming cable for GOT1000-Series; 2m	£17.00
166373	GT09-C30USB-5P	Heavy duty USB programming cable for GOT1000-Series with noise suppression; 2m	£93.50
200500	GT10-RS2TUSB-5S	GT1020 USB-Adapter, Mini-B USB to serial Mini-DIN 6-pin, use with GT09-C30USB-5P [3m]	£65.00
225497	GT01-RS4-M	RS-485 Multi-drop master unit, 16 GOTs to one FX/Q PLC	£316.00
225498	GT10-9PT5S	GOT RS-485 Adapter for GT10 QVGA and GT11 QVGA models, 9-pin DSUB	£30.00
166305	GT15-75QBUSL	Q-bus interface module for GT15/16 HMIs; 1 channel	£133.00
166306	GT15-75QBUS2L	Q-bus interface module for GT15/16 HMIs; 2 channel	£199.00
166307	GT15-RS2T4-9P	Port Converter for GT15/16 HMIs from RS232C to RS422; 9pin D-SUB (not suitable for GT155x/165x HMIs, use 169470, or 43393 SC-09 Cable)	£59.50
169470	GT15-RS4-9S	RS422 interface module for GT15/16 HMIs - 9 pin D-sub Female connector	£161.00
169469	GT15-RS2-9P	RS232 interface module for GT15/16 HMIs - 9 pin D-sub Male connector	£161.00
166309	GT15-J71E71-100	Ethernet interface module for GT15 HMIs (RJ45 Connector)	£34.00
218576	GT15-J71GP23-SX	CC-LINK IE Controller network communications interface for GT15/16 HMIs	£949.00
203494	GT15-J61BT13	CC-LINK interface module for GT15/16 HMIs (Intelligent Station)	£335.00
229842	GT15-J71LP23-25	MELSECNET 10 interface module for GT15/16 HMIs (fibre optic, SI type only)	£892.00
229843	GT15-J71BR13	MELSECNET 10 interface module for GT15/16 HMIs (coaxial)	£892.00
170169	GT15-PRN	Printer interface option for GT15/16 HMIs to connect to PictBridge compatible printers, USB connection, with 3m USB-cable	£172.00
221362	GT16M-MMR	Multimedia module for video input and playback with GT16xxM HMIs	£702.00
221363	GT16M-V4	Video Input Unit for GT16xxM HMIs, 4x NTSC/PAL inputs	£480.00
221364	GT16M-V4R1	Video Input Unit for GT16xxM HMIs, 4x NTSC/PAL inputs and 1 RGB composite input	£687.00
221365	GT16M-R2	Video Input Unit for GT16xxM HMIs, 2 x RGB composite inputs.	£513.00
221366	GT16M-ROUT	Video Output Unit for GT16xxM HMIs, 1x RGB composite output	£359.00
221380	GT16-C02R4-9S	GT16 RS-422 connection cable	£108.00
203473	GT15-MESB48M	MES function card to use with GT15 HMIs (adds 48MB to project memory)	£793.00
221369	GT16-MESB	MES function card to use with GT16 HMIs	£901.00
166324	GT15-VHNB	Card for using the Multi Colour Support (64k colours) of GT1500 HMIs	£300.00
166345	GT15-BAT	Battery for GT1500 HMIs for clock and backup	£28.00
166347	GT15-QC12B	Connection cable for Q-BUS between GT1500 and MELSEC System Q; 1m	£69.00
166348	GT15-QC30B	Connection cable for Q-BUS between GT1500 and MELSEC System Q; 3m	£111.00
166350	GT15-QC100B	Connection cable for Q-BUS between GT1500 and MELSEC System Q; 10m	£276.00
191013	GT11H-C30-37P	External connection cable between cabinet and GT11 Handy-Types, length 3m	£101.50
191014	GT11H-C60-37P	External connection cable between cabinet and GT11 Handy-Types, length 6m	£148.00
191015	GT11H-C100-37P	External connection cable between cabinet and GT11 Handy-Types, length 10m	£171.00
191016	GT11H-C30	External connection cable between FA components, Power supply, operation switches and GT11 Handy-Types, length 3m	£101.50
191017	GT11H-C60	External connection cable between FA components, Power supply, operation switches and GT11 Handy-Types, length 6m	£148.00
191018	GT11H-C100	External connection cable between FA components, Power supply, operation switches and GT11 Handy-Types, length 10m	£171.00
191019	GT11H-C15R4-8P	Internal connection cable between cabinet and MELSEC FX, FX2N, FX3U Programming port, length 1.5m, RS422	£61.50
191020	GT11H-C15R4-25P	Internal connection cable between cabinet and MELSEC A/QnA/AnS/QnAS Programming port, length 1.5m, RS422	£61.50
191021	GT11H-C15R2-6P	Internal connection cable between cabinet and MELSEC Q Series Programming port, length 1.5m, RS232	£61.50
200501	GT10-20PSCB	Protective sheets for GT1020; 3.7", Set includes 5pcs.	£20.00
206973	GT10-30PSCB	Protective sheets for GT1030; 4.5", Set includes 5pcs.	£22.50
221932	GT10-40PSCB	Protective sheets for GT104x; 4.5", Set includes 5pcs.	£24.50
218494	GT10-50PSCB	Protective sheets for GT105x; 5.7", Set includes 5pcs.	£21.50
163945	GT11-50PSCB	Protective sheets for GT115x; 5.7", Set includes 5pcs	£21.50
191023	GT11H-50PSC	Protective sheets for GT11H Handy Type GOT1000; 5.7", set includes 5 pieces	£35.00
248884	GT14-50PSCB	Protective sheets for GT145x; 5.7", Set includes 5pcs	£21.50
229841	GT11-60PSCB	Protective sheets for GT1265; 8.4", Set includes 5pcs	£17.00
229840	GT11-70PSCB	Protective sheets for GT1275; 10.4", Set includes 5pcs	£21.50
203501	GT15-50PSCB	Protective sheets for GT155x; 5.7", Set includes 5pcs	£17.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
166329	GT15-60PSCB	Protective sheets for GT156x; 8.4", Set includes 5pcs	£28.00
166333	GT15-70PSCB	Protective sheets for GT157x; 10.4", Set includes 5pcs	£34.00
166337	GT15-80PSCB	Protective sheets for GT1585; 12.1", Set includes 5pcs	£52.50
169476	GT15-90PSCB	Protective sheets for GT1595; 15", Set includes 5pcs	£79.00
244211	GT16-50PSCB	Protective sheets for GT1655; 5.7", Set includes 5pcs	£27.00
221959	GT16-60PSCB	Protective sheets for GT166x; 8.4", Set includes 5pcs	£28.00
221958	GT16-70PSCB	Protective sheets for GT167x; 10.4", Set includes 5pcs	£34.00
221371	GT16-80PSCB	Protective sheets for GT1685; 12.1", Set includes 5pcs	£52.50
221370	GT16-90PSCB	Protective sheets for GT1695; 15", Set includes 5pcs	£79.00

GOT 1600 VNC options

247570	GT16-VNCSKEY-1	VNC licence key for GT16 series HMIs - 1 licence	£170.00
247571	GT16-VNCSKEY-5	VNC licence key for GT16 series HMIs - 5 licences	£846.00
247572	GT16-VNCSKEY-10	VNC licence key for GT16 series HMIs - 10 licences	£1,692.00
247573	GT16-VNCSKEY-20	VNC licence key for GT16 series HMIs - 20 licences	£3,368.00
261249	GT14-VNCSKEY-1	VNC licence key for GT14 series HMIs - 1 licence	£77.00
261250	GT14-VNCSKEY-5	VNC licence key for GT14 series HMIs - 5 licences	£385.00
261251	GT14-VNCSKEY-10	VNC licence key for GT14 series HMIs - 10 licences	£769.00
261252	GT14-VNCSKEY-20	VNC licence key for GT14 series HMIs - 20 licences	£1,538.00

GOT 1000 Series Spare Parts

166325	GT15-60VLTN	Backlight for GT1565-VTBA	£91.50
169474	GT15-60VLTN	Backlight for 8.4" TFT-displays, VN types	£111.00
166327	GT15-70SLTT	Backlight for GT1575-STBA	£111.00
166326	GT15-70VLTN	Backlight for GT1575-VTBA	£111.00
169475	GT15-70VLTN	Backlight for 10.4" TFT-displays, VN types	£111.00
166328	GT15-80SLTT	Backlight for GT1585-STBA	£111.00
169473	GT15-90XLTN	Backlight for GT1595-VTBA	£213.00
237236	GT16-70VLTN	Backlight for 10.4" TFT-displays, VN types	£134.00
237237	GT16-60VLTN	Backlight for 8.4" TFT-displays, VN types	£134.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

INDUSTRIAL PC

Base Unit

253855	T6123/827E KIT	T6123 Fanless Panel PC System with 12.1" TFT Display, Touchscreen and Intel Celeron 827E 1.4Ghz processor. (IP65/CE), 9-36V DC Input. Includes PAC-P065W (65W AC/DC Power Adaptor), 100 GB Hard Disk, 2GB DRAM, and Windows 7 Pre-loaded	£2,050.00
253856	T6153/827E KIT	T6153 Fanless Panel PC System with 15" TFT Display, Touchscreen and Intel Celeron 827E 1.4Ghz processor. (IP65/CE), 9-36V DC Input. Includes PAC-P065W (65W AC/DC Power Adaptor), 100 GB Hard Disk, 2GB DRAM, and Windows 7 Pre-loaded	£2,094.00
253858	P6174-2340UE KIT	P6174 Fanless Panel PC System with 17" TFT Display, Touchscreen and Intel Core i3-2340UE 1.3Ghz processor. (IP65/CE) - 10-36V DC Input. Includes PAC-P120W (120W AC/DC Power Adaptor), 100 GB Hard Disk, 2GB DRAM, with Windows 7 Pre-loaded	£2,585.00
253859	P6194-2340UE KIT	P6194 Fanless Panel PC System with 19" TFT Display, Touchscreen and Intel Core i3-2340UE 1.3Ghz processor. (IP65/CE) - 10-36V DC Input. Includes PAC-P120W (120W AC/DC Power Adaptor), 100 GB Hard Disk, 1GB DRAM, with Windows 7 Pre-loaded	£2,748.00
241434	P1585/HDD (160GB) KIT	P1585 Full IP65, Stainless Steel, 15" Industrial Panel PC with Intel® Atom™ N270, 160GB HDD, 1GB DRAM, Windows 7 Pre-installed. Includes PAC-P060W-01 (60W AC/DC Power Adaptor)	£2,280.00
253861	P1585/HDD (40GB) KIT	P1585 Full IP65, Stainless Steel, 15" Industrial Panel PC with Intel® Atom™ N270, 40GB SSD, 1GB DRAM, Windows 7 Pre-installed. Includes PAC-P060W-01 (60W AC/DC Power Adaptor)	£2,653.00
207877	Q10WCPU-W1-E	WinCPU, bootable SSD harddisk, Intel® Atom™ Processor, 1GB RAM, Windows® Embedded 2009	£4,100.00
207878	Q10WCPU-W1-CFE	WinCPU, bootable CF card, Intel® Atom™ Processor, 1GB RAM, Windows® Embedded 2009	£3,793.00

IPC options & accessories

241485	2.0GB DRAM SO-DIMM	Upgrade from 1GB DRAM to 2GB DRAM	£91.50
229047	8GB SSD Disk SLC	8GB Solid State Disk Drive SLC	£252.00
253814	16GB SSD Disk SLC	16GB Solid State Disk Drive SLC	£178.00
264502	32GB SSD Disk SLC	32GB Solid State Disk Drive SLC	£414.00
238881	CBK-01-1585-12	Waterproof RJ45 extension cable (2m, for use with P1585)	£45.50
241486	CBK-01-1585-13	Waterproof USB Type A extension cable (2m, for use with P1585)	£33.50
241487	CBK-01-1585-14	10 Pin Waterproof conn to Dual USB Type A cable (2m, for use with P1585)	£87.50
241488	CBK-01-1585-15	8 Pin Waterproof connector to DB9-M cable (2m, for use with P1585)	£52.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

INDUSTRIAL M2M REMOTE CONNECTIVITY

Remote connectivity options

N/A	VPNeFree	Up to 3 site-to-site VPNs, 1 concurrent remote SSL VPN - *Restrictions apply - contact us for more information	£0.00
243363	VPNe10	Up to 10 site-to-site VPNs, 5 concurrent remote SSL VPN	£560.00
243364	VPNe100	Up to 100 site-to-site VPNs, 20 concurrent remote SSL VPN	£1,266.00
243375	VPNe250	Up to 250 site-to-site VPNs, 20 concurrent remote SSL VPN	£1,478.00
243376	VPNe500	Up to 500 site-to-site VPNs, 25 concurrent remote SSL VPN	£1,689.00
243377	VPNe1000	Up to 1000 site-to-site VPNs, 50 concurrent remote SSL VPN	£1,794.00
243378	VPNe1500	Up to 1500 site-to-site VPNs, 50 concurrent remote SSL VPN	£2,166.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

SOFTWARE



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
MAPS			
242548	MAPS-SA-Server-30	MAPS Stand-Alone Agent Server 30 Scanned points	£721.00
242554	MAPS-SA-Server-75	MAPS Stand-Alone Agent Server 75 Scanned points	£1,312.00
242580	MAPS-SA-Server-150	MAPS Stand-Alone Agent Server 150 Scanned points	£1,996.00
242586	MAPS-SA-Server-300	MAPS Stand-Alone Agent Server 300 Scanned points	£3,825.00
242593	MAPS-SA-Server-750	MAPS Stand-Alone Agent Server 750 Scanned points	£4,449.00
242600	MAPS-SA-Server-1500	MAPS Stand-Alone Agent Server 1500 Scanned points	£7,104.00
242607	MAPS-SA-Server-2500	MAPS Stand-Alone Agent Server 2500 Scanned points	£8,303.00
242614	MAPS-SA-Server-5000	MAPS Stand-Alone Agent Server 5000 Scanned points	£10,071.00
242621	MAPS-SA-Server-25000	MAPS Stand-Alone Agent Server 25000 Scanned points	£14,145.00
242628	MAPS-SA-Server-UTD	MAPS Stand-Alone Agent Server Unlimited Scanned points	£16,913.00
MAPS Enterprise Servers			
242592	MAPS-EM-300	MAPS Enterprise Manager Agent Server 300 Scanned points	£3,417.00
242599	MAPS-EM-750	MAPS Enterprise Manager Agent Server 750 Scanned points	£3,417.00
242606	MAPS-EM-1500	MAPS Enterprise Manager Agent Server 1500 Scanned points	£3,417.00
242613	MAPS-EM-2500	MAPS Enterprise Manager Agent Server 2500 Scanned points	£3,417.00
242620	MAPS-EM-5000	MAPS Enterprise Manager Agent Server 5000 Scanned points	£5,695.00
242627	MAPS-EM-25000	MAPS Enterprise Manager Agent Server 25000 Scanned points	£5,695.00
242634	MAPS-EM-UTD	MAPS Enterprise Manager Agent Server Unlimited Scanned points	£5,695.00
MAPS Scada			
247114	MAPS-SCADA-SA-Server-30	Stand-Alone Agent Server 30 Scanned points	£779.00
247149	MAPS-SCADA-SA-Server-75	Stand-Alone Agent Server 75 Scanned points	£1,225.00
247157	MAPS-SCADA-SA-Server-150	Stand-Alone Agent Server 150 Scanned points	£2,045.00
243304	MAPS-SCADA-SA-Server-300	Stand-Alone Agent Server 300 Scanned points	£3,157.00
243310	MAPS-SCADA-SA-Server-750	Stand-Alone Agent Server 750 Scanned points	£3,716.00
243316	MAPS-SCADA-SA-Server-1500	Stand-Alone Agent Server 1500 Scanned points	£4,828.00
243322	MAPS-SCADA-SA-Server-2500	Stand-Alone Agent Server 2500 Scanned points	£5,756.00
243328	MAPS-SCADA-SA-Server-5000	Stand-Alone Agent Server 5000 Scanned points	£6,806.00
243334	MAPS-SCADA-SA-Server-25000	Stand-Alone Agent Server 25000 Scanned points	£8,918.00
243340	MAPS-SCADA-SA-Server-UTD	Stand-Alone Agent Server Unlimited Scanned points	£9,159.00
MAPS Introductory Offer buy MAPS SCADA get full MAPS			
253447	MAPS-Intro-SA-Server-300	MAPS SCADA Server 300 + MAPS Special Offer add on 2012	£3,157.00
253449	MAPS-Intro-SA-Server-750	MAPS SCADA Server 750 + MAPS Special Offer add on 2012	£3,716.00
253450	MAPS-Intro-SA-Server-1500	MAPS SCADA Server 1500 + MAPS Special Offer add on 2012	£4,828.00
253451	MAPS-Intro-SA-Server-2500	MAPS SCADA Server 2500+ MAPS Special Offer add on 2012	£5,756.00
253452	MAPS-Intro-SA-Server-5000	MAPS SCADA Server 5000 + MAPS Special Offer add on 2012	£6,806.00
253453	MAPS-Intro-SA-Server-25000	MAPS SCADA Server 25000 + MAPS Special Offer add on 2012	£8,918.00
253454	MAPS-Intro-SA-Server-UTD	MAPS SCADA Server Unlimited + MAPS Special Offer add on 2012	£9,159.00
MAPS Remote Clients			
242549	MAPS-RC1-30	1 MAPS Remote Client 30 Scanned points	£308.00
242550	MAPS-RC2-30	2 MAPS Remote Clients 30 Scanned points	£462.00
242551	MAPS-RC3-30	3 MAPS Remote Clients 30 Scanned points	£539.00
242552	MAPS-RC4-30	4 MAPS Remote Clients 30 Scanned points	£615.00
242575	MAPS-RC1-75	1 MAPS Remote Client 75 Scanned points	£615.00
242576	MAPS-RC2-75	2 MAPS Remote Clients 75 Scanned points	£1,128.00
242577	MAPS-RC3-75	3 MAPS Remote Clients 75 Scanned points	£1,640.00
242578	MAPS-RC4-75	4 MAPS Remote Clients 75 Scanned points	£2,050.00
242581	MAPS-RC1-150	1 MAPS Remote Client 150 Scanned points	£1,538.00
242582	MAPS-RC2-150	2 MAPS Remote Clients 150 Scanned points	£2,665.00
242583	MAPS-RC3-150	3 MAPS Remote Clients 150 Scanned points	£3,895.00
242584	MAPS-RC4-150	4 MAPS Remote Clients 150 Scanned points	£4,613.00
242587	MAPS-RC1-300	1 MAPS Remote Client 300 Scanned points	£1,692.00
242588	MAPS-RC2-300	2 MAPS Remote Clients 300 Scanned points	£3,075.00
242589	MAPS-RC3-300	3 MAPS Remote Clients 300 Scanned points	£4,408.00
242590	MAPS-RC4-300	4 MAPS Remote Clients 300 Scanned points	£4,818.00
242594	MAPS-RC1-750	1 MAPS Remote Client 750 Scanned points	£2,255.00
242595	MAPS-RC2-750	2 MAPS Remote Clients 750 Scanned points	£3,383.00
242596	MAPS-RC3-750	3 MAPS Remote Clients 750 Scanned points	£4,920.00
242597	MAPS-RC4-750	4 MAPS Remote Clients 750 Scanned points	£5,125.00
242601	MAPS-RC1-1500	1 MAPS Remote Client 1500 Scanned points	£2,358.00
242602	MAPS-RC2-1500	2 MAPS Remote Clients 1500 Scanned points	£4,203.00
242603	MAPS-RC3-1500	3 MAPS Remote Clients 1500 Scanned points	£5,023.00
242604	MAPS-RC4-1500	4 MAPS Remote Clients 1500 Scanned points	£5,535.00
242608	MAPS-RC1-2500	1 MAPS Remote Client 2500 Scanned points	£2,563.00
242609	MAPS-RC2-2500	2 MAPS Remote Clients 2500 Scanned points	£4,613.00
242610	MAPS-RC3-2500	3 MAPS Remote Clients 2500 Scanned points	£6,355.00
242611	MAPS-RC4-2500	4 MAPS Remote Clients 2500 Scanned points	£6,868.00
242615	MAPS-RC1-5000	1 MAPS Remote Client 5000 Scanned points	£2,768.00
242616	MAPS-RC2-5000	2 MAPS Remote Clients 5000 Scanned points	£5,023.00
242617	MAPS-RC3-5000	3 MAPS Remote Clients 5000 Scanned points	£6,663.00
242618	MAPS-RC4-5000	4 MAPS Remote Clients 5000 Scanned points	£7,175.00
242622	MAPS-RC1-25000	1 MAPS Remote Client 25000 Scanned points	£4,613.00
242623	MAPS-RC2-25000	2 MAPS Remote Clients 25000 Scanned points	£6,150.00
242624	MAPS-RC3-25000	3 MAPS Remote Clients 25000 Scanned points	£7,483.00
242625	MAPS-RC4-25000	4 MAPS Remote Clients 25000 Scanned points	£7,893.00
242629	MAPS-RC1-UTD	1 MAPS Remote Client Unlimited Scanned points	£4,818.00
242630	MAPS-RC2-UTD	2 MAPS Remote Clients Unlimited Scanned points	£7,278.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
242631	MAPS-RC3-UTD	3 MAPS Remote Clients Unlimited Scanned points	£8,610.00
242632	MAPS-RC4-UTD	4 MAPS Remote Clients Unlimited Scanned points	£9,123.00
MAPS Alarm Management			
242553	MAPS-AM-30	MAPS Alarm Management 30 Scanned points	£132.00
242579	MAPS-AM-75	MAPS Alarm Management 75 Scanned points	£241.00
242585	MAPS-AM-150	MAPS Alarm Management 150 Scanned points	£363.00
242591	MAPS-AM-300	MAPS Alarm Management 300 Scanned points	£547.00
242598	MAPS-AM-750	MAPS Alarm Management 750 Scanned points	£636.00
242605	MAPS-AM-1500	MAPS Alarm Management 1500 Scanned points	£1,015.00
242612	MAPS-AM-2500	MAPS Alarm Management 2500 Scanned points	£1,107.00
242619	MAPS-AM-5000	MAPS Alarm Management 5000 Scanned points	£1,343.00
242626	MAPS-AM-25000	MAPS Alarm Management 25000 Scanned points	£1,886.00
242633	MAPS-AM-UTD	MAPS Alarm Management Unlimited Scanned points	£2,255.00
MAPS SCADA Intelligence			
248308	MAPS-SI-30	SCADA Intelligence 30 Items	
248324	MAPS-SI-75	SCADA Intelligence 75 Items	
248325	MAPS-SI-150	SCADA Intelligence 150 Items	
248326	MAPS-SI-300	SCADA Intelligence 300 Items	
248327	MAPS-SI-750	SCADA Intelligence 750 Items	
248328	MAPS-SI-1500	SCADA Intelligence 1500 Items	
248329	MAPS-SI-2500	SCADA Intelligence 2500 Items	
248330	MAPS-SI-5000	SCADA Intelligence 5000 Items	
248331	MAPS-SI-25000	SCADA Intelligence 25000 Items	
248332	MAPS-SI-UTD	SCADA Intelligence Unlimited Item	
MAPS HMI			
247111	MAPS-SCADA-HMI-150	Stand-Alone HMI 150 Scanned points	£779.00
247112	MAPS-SCADA-HMI-300	Stand-Alone HMI 300 Scanned points	£1,225.00
247113	MAPS-SCADA-HMI-750	Stand-Alone HMI 750 Scanned points	£2,045.00
MAPS SCADA Options			
247473	MAPS-SCADA-SNMP	SNMP agent	£513.00
247474	MAPS-SCADA-DNP3	DNP3 driver	£744.00
247545	MAPS-SCADA-ABEnet	AB Ethernet driver	£359.00
247546	MAPS-SCADA-IEC870-5-101	IEC870-5-101 driver	£744.00
247549	MAPS-SCADA-SNMP	Siemens Ethernet driver	£359.00
MX4 SCADA Support			
247547	MAPS-SCADA-SIP	System Integrator Programme, annual subscription	£1,230.00
247548	MAPS-SCADA-TA	Technology Agreement	0.00%
NOTE: Support for all MAPS-SCADA packages is recommended and is charged at 17.5% of the list price			
MX4 Business			
259916	MX4-B-C	MX4-Business core software (Required for all systems)	£1,500.00
MX4 Business Module Licenses			
259917	MX4-B-OE-1A	MX4-Business OEE & Efficiency 1 Asset	£500.00
259918	MX4-B-OE-5A	MX4-Business OEE & Efficiency 5 Assets	£2,460.00
259919	MX4-B-OE-10A	MX4-Business OEE & Efficiency 10 Assets	£4,820.00
259920	MX4-B-OE-20A	MX4-Business OEE & Efficiency 20 Assets	£9,240.00
259921	MX4-B-OE-40A	MX4-Business OEE & Efficiency 40 Assets	£16,880.00
259922	MX4-B-OE-50A	MX4-Business OEE & Efficiency 50 Assets	£20,100.00
259923	MX4-B-OE-100A	MX4-Business OEE & Efficiency 100 Assets	£30,200.00
259924	MX4-B-JS-20A	MX4-Business Job Sequencing 20 Assets	£2,500.00
259925	MX4-B-JS-40A	MX4-Business Job Sequencing 40 Assets	£3,000.00
259926	MX4-B-QT-20A	MX4-Business Question Tracking 20 Assets	£2,500.00
259927	MX4-B-QT-40A	MX4-Business Question Tracking 40 Assets	£3,000.00
259928	MX4-B-AA-20A	MX4-Business Alert and Annunciation 20 Assets	£2,500.00
259929	MX4-B-AA-40A	MX4-Business Alert and Annunciation 40 Assets	£3,000.00
259930	MX4-B-PM-20A	MX4-Business Process Module 20 Assets	£2,500.00
259931	MX4-B-PM-40A	MX4-Business Process Module 40 Assets	£3,000.00
259932	MX4-B-EA-20A	MX4-Business Excel Addin 20 Assets	£2,500.00
259933	MX4-B-EA-40A	MX4-Business Excel Addin 40 Assets	£3,000.00
259934	MX4-B-IT-50L	MX4-Business Inventory Tracking 50 locations	£2,500.00
259945	MX4-B-IT-100L	MX4-Business Inventory Tracking 100 locations	£3,000.00
259946	MX4-B-M-50E	MX4-Business Maintenance 50 equipment	£2,500.00
259947	MX4-B-M-75E	MX4-Business Maintenance 75 equipment	£3,000.00
259948	MX4-B-LT-100P	MX4-Business Labour Tracking 100 people	£2,500.00
259949	MX4-B-LT-200P	MX4-Business Labour Tracking 200 people	£3,000.00
259950	MX4-B-SM-100P	MX4-Business Skills Matrix 100 people	£2,500.00
259951	MX4-B-SM-200P	MX4-Business Skills Matrix 200 people	£3,000.00
207974	MX4-B-DL	MX4-Business Data Logger Software Module	£1,000.00
MX4 Energy			
166288	MX4-Energy-25	MX4 Energy 25 Data Channels	£3,042.00
166289	MX4-Energy-50	MX4 Energy 50 Data Channels	£3,963.00
166290	MX4-Energy-100	MX4 Energy 100 Data Channels	£5,480.00
166291	MX4-Energy-200	MX4 Energy 200 Data Channels	£6,700.00
211620	iQube350CC PM	Multifunction Meter 350 CC link Panel Mount	£186.00
211621	iQube400CC PM	Multifunction Meter 400 CC link Panel Mount	£208.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
209832	iQube350M PM	Multifunction Meter 350 Modbus Panel Mount	£149.00
209833	iQube350M DR	Multifunction Meter 350 Modbus Din Rail Mount	£171.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
MX4 Energy Support			
166295	MX4-Energy-MS25	MX4 Energy Maintenance and Support 25 Data Channels	£587.00
166296	MX4-Energy-MS50	MX4 Energy Maintenance and Support 50 Data Channels	£762.00
166297	MX4-Energy-MS100	MX4 Energy Maintenance and Support 100 Data Channels	£1,054.00
166298	MX4-Energy-MS200	MX4 Energy Maintenance and Support 200 Data Channels	£1,289.00
166299	MX4-Energy-MS300	MX4 Energy Maintenance and Support 300 Data Channels	£1,524.00
166300	MX4-Energy-MS500	MX4 Energy Maintenance and Support 500 Data Channels	£1,993.00
166301	MX4-Energy-MS500+	MX4 Energy Maintenance and Support 500+ Data Channels per Channel	£2.50

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Project Management Tools			
191059	Projxstudio 2.0	Project management software tool	£176.00

C Controller Applications

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
C Batch			
243260	C Batch 1 Unit	Batch Control System 1 Unit (see data sheet for contents)	£6,540.00
243261	C Batch 5 Unit	Batch Control System 5 Unit (see data sheet for contents)	£11,602.00
243262	C Batch 20 Unit	Batch Control System 20 Unit (see data sheet for contents)	£20,040.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
C Connector			
TBA	C Connector	Enterprise connection supporting SAP	POA

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
C NetDB			
TBA	C Net DB	Distributed Secure DataBase running on the PLC backplane	POA

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
C Open PAC Control			
TBA	C Open PAC	Open PLC Programming IEC 61131-3	POA

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
C DNP3			
TBA	C DNP3	DNP3 communications interface	POA

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
MES IT			
134930	MES-IT Module	PLC Q Series MESIT: Q12DCCPU-V + CF-CARD2GB	£2,049.00
227387	VN-SWMIT1-E	PLC Q Series MESIT; deviceWise core software	£512.00
227390	VN-SWMIT1-LIC-SQL	PLC Q Series MESIT; database transport for SQL	£1,332.00
227391	VN-SWMIT1-LIC-ORC	PLC Q Series MESIT; database transport for Oracle	£1,332.00
227392	VN-SWMIT1-LIC-DB2	PLC Q Series MESIT; database transport for IBM DB2	£2,767.00
227393	VN-SWMIT1-LIC-JMS	PLC Q Series MESIT; JAVA Messaging transport	£2,767.00
227394	VN-SWMIT1-LIC-MQ	PLC Q Series MESIT; IBM WMQ transport	£1,332.00
239075	VN-SWMIT1-LIC-MMQ	PLC Q Series MESIT; MSMQ transport	£1,332.00
239076	VN-SWMIT1-LIC-OMC	PLC Q Series MESIT; Oracle MOC transport	£1,332.00
235280	MESITTRNMYSQL	PLC Q Series MESIT; database connection for MySQL	£1,844.00
235282	MESITTRNSRDM	PLC Q Series MESIT; database connection for RDM	£1,844.00
235283	MESITTRNSPSQL	PLC Q Series MESIT; database connection for PostgreSQL	£1,844.00
235281	VN-SWMIT1-LIC-SAP	PLC Q Series MESIT; SAP Transport	£2,767.00
227388	VN-SWMIT1-LIC-PC5	PLC Q Series MESIT; additional 5 device connections	£1,012.00
227395	VN-SWMIT1-O-RWL	PLC Q Series MESIT; driver for PLC Rockwell Automation	£615.00
227397	VN-SWMIT1-O-OMR	PLC Q Series MESIT; driver for PLC Omron	£615.00
229481	VN-SWMIT1-O-SMT	PLC Q Series MESIT; driver for Siemens S7/200,300,400	£615.00
231544	MESITDRVMBUS	PLC Q Series MESIT; Modbus Driver	£615.00
231543	MESITDRVMC	PLC Q Series MESIT; Mitsubishi (MC Protocol) Driver	£615.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Programming Software			
Alpha Programming Software			
127053	ALVLS V2	Version 2.00 programming software for ALPHA and ALPHA 2 Logic Blocks	£110.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
iQ Works Programming and Project Management Suite			
234625	iQ Works V01-2L0C-E	Programming software for FX,Q,L series PLCs, Q-Motion and GOT series of HMIs 2 license	£1,533.00
234627	iQ Works V01-5L0C-E	Programming software for FX,Q,L series PLCs, Q-Motion and GOT series of HMIs 5 license	£3,687.00
234628	iQ Works V01-2L0C-E-UG	Software upgrade for iQ Works V01-2L0C-E	£787.00
234629	iQ Works V01-5L0C-E-UG	Software upgrade for iQ Works V01-5L0C-E	£1,841.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
GX Works2			
234630	GX Works2 V01-2L0C-E	Programming software for FX,Q,L series PLCs 2 license	£1,050.00
234631	GX Works2 V01-5L0C-E	Programming software for FX,Q,L series PLCs 5 license	£2,633.00
234632	GX Works2 V01-2L0C-E-UG	Software upgrade for GX Works2 V01-2L0C-E	£523.00
234634	GX Works2 V01-5L0C-E-UG	Software upgrade for GX Works2 V01-5L0C-E	£1,315.00
255804	GX Works2 FX V01-2L0C-E	Programming software for FX,Q,L series PLCs 2 license	£395.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
GX IEC Developer IEC 61131-3 Compliant			
140049	GX-IEC-Developer-CD	Programming software, IEC 61131-3, for FX/AnS/A/Q not including interface cable	£1,103.00
140050	GX-IEC-Developer-UG	Programming software upgrade, IEC 61131-3, for FX/AnS/A/Q not including interface cable (upgrade only)	£365.00
152459	GX-IEC-Developer-FX	Programming software, IEC 61131-3 for FX including manual, not including interface cable	£470.00
43393	SC-09	PLC to PC programming cable for F,FX,A	£235.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
221540	USB-CAB-5M	USB 2.0 connection cable, USB A to USB B (mini), 5m	£8.50
GX Developer Software			
135013	GX-Developer-CD	PLC programming software not including cable	£1,050.00
135014	GX-Developer-UG	PLC programming software not including cable or PAK code (upgrade only)	£365.00
133618	GX-Developer-FX-CD	PLC Programming Software for FX series PLC not including cable	£312.00
144761	GX Developer-FX-UG	PLC Programming Software for FX series PLC not including cable (upgrade only)	£186.00
140051	GX Configurator DP	Profibus Configuration Software including cable	£587.00
140072	GX Configurator UT	Special module Configuration Software Q series only	£238.00
43393	SC-09	PLC to PC programming cable for F,FX,A	£235.00
Inverter Programming Software			
244019	FR-Configurator	Set-up and monitoring software for all 700 series inverters	£57.50
88426	SC-FR-PC	Inverter RS485 programming software cable (PU Port)	£107.00
Q-Motion Controller Programming Software			
234653	MT Works2 V01-2L0C-E	Q-Motion Controller programming software 2 license	£1,367.00
234654	MT Works2 V01-5L0C-E	Q-Motion Controller programming software 5 license	£3,160.00
234655	MT Works2 V01-2L0C-E-UG	Software Upgrade for MT Works2 V01-2L0C-E	£681.00
234656	MT Works2 V01-5L0C-E-UG	Software Upgrade for MT Works2 V01-5L0C-E	£1,578.00
217736	MT Developer 2-MQ-E	Single axis Motion Controller MR-MQ100 software	£312.00
D75 Series Programming Software			
147091	GX Configurator QP	Programming software for the QD75P / QD75D and QD75M series positioning modules	£347.00
Set-Up Software FX3U-SSCNET			
189283	FX Configurator FP	Programming software for FX3U-20SSC-H SSCNET III Positioning Module	£117.00
Servo Set-Up Software (MR-C / MR-J2/ MR-J3 Series)			
113863	SERVOCOM + CAB	Servo set-up software with communication connection cable	£241.00
149284	SERVOCOM SOFTWARE CD	Servo set-up software only	£122.00
HMI Programming			
200451	E-Designer E1000 Kit	Programming software for E1000 Series, inc. CAB30 HMI programming cable and complete set of electronic manuals for E1000 Series HMI's.	£113.00
234645	GT Works3 V01-2L0C-E	GT Works3, programming software suite, inc. GT Designer for GOT series of HMIs 2 license	£207.00
234646	GT Works3 V01-5L0C-E	GT Works3, programming software suite, inc. GT Designer for GOT series of HMIs 5 license	£470.00
234647	GT Works3 V01-2L0C-E-UG	Software upgrade for GT Works3 V01-2L0C-E	£100.50
234648	GT Works3 V01-5L0C-E-UG	Software upgrade for GT Works3 V01-5L0C-E	£238.00
Software Accessories			
134927	SW3D5C-ACT-E	MX Component, ActiveX Communication Support Tools Single License	£369.00
145263	SW3D5C-ACT-E5	MX Component, ActiveX Communication Support Tools 5 License	£738.00
156406	SW3D5C-ACT-E10	MX Component, ActiveX Communication Support Tools 10 License	£1,230.00
156407	SW3D5C-ACT-E20	MX Component, ActiveX Communication Support Tools 20 License	£2,091.00
147004	MXSheet	Microsoft Excel 2000 Add-in 1 License	£714.00
158507	MXSheet E5	Microsoft Excel 2000 Add-in 5 License	£1,451.00
160091	MXSheet E10	Microsoft Excel 2000 Add-in 10 License	£2,462.00
160092	MXSheet E20	Microsoft Excel 2000 Add-in 20 License	£4,062.00
Drivers and Options			
134127	MX-OPC	MX OPC Server for all Mitsubishi PLCs	£539.00
Synergy Pack Annual Subscriptions			
146655	MASP-SW-AS	Advanced Synergy annual subscription (software only)	£661.00
146660	MSSP-GX-SW-AS	Standard GX Synergy annual subscription (software only)	£344.00
NOTE: For further information on Synergy packs please contact your local Distributor/Sales Representative			
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
D700 SERIES ULTRA COMPACT INVERTERS			
D720S SC-EC Single Phase 220-240V 50Hz Input			
247595	FR-D720S-008SC-EC	0.1kW Single phase high performance micro inverter, 0.8A (source logic safety)	£108.00
247596	FR-D720S-014SC-EC	0.2kW Single phase high performance micro inverter, 1.4A (source logic safety)	£118.00
247597	FR-D720S-025SC-EC	0.4kW Single phase high performance micro inverter, 2.5A (source logic safety)	£129.00
247598	FR-D720S-042SC-EC	0.75kW Single phase high performance micro inverter, 4.2A (source logic safety)	£150.00
247599	FR-D720S-070SC-EC	1.5kW Single phase high performance micro inverter, 7A (source logic safety)	£183.00
247600	FR-D720S-100SC-EC	2.2kW Single phase high performance micro inverter, 10A (source logic safety)	£258.00
D720S EMC Filters			
216227	FFR-CS-050-14A-RF1	Radio Filter for FR-D720S-008-EC, 014-EC, 025-EC & 042-EC	£13.00
216228	FFR-CS-080-20A-RF1	Radio Filter for FR-D720S-070-EC	£19.00
216229	FFR-CS-110-26A-RF1	Radio Filter for FR-D720S-100-EC	£24.50
D720S Low Leakage EMC Filters			
229801	FFR-CS-050-14A-RF1-LL	Low Leakage Filter for FR-D720S-008-EC, 014-EC, 025-EC & 042-EC	£15.00
229802	FFR-CS-080-20A-RF1-LL	Low Leakage Filter for FR-D720S-070-EC	£25.50
229803	FFR-CS-110-26A-RF1-LL	Low Leakage Filter for FR-D720S-100-EC	£36.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
D720S Drive Kits			
216484	FR-D720S-008-EC-SET 0.1KW	Includes FR-D720S-008-EC inverter, Radio filter and breaker	£131.00
216525	FR-D720S-014-EC-SET 0.2KW	Includes FR-D720S-014-EC inverter, Radio filter and breaker	£141.00
216526	FR-D720S-025-EC-SET 0.4KW	Includes FR-D720S-025-EC inverter, Radio filter and breaker	£151.00
216527	FR-D720S-042-EC-SET 0.75KW	Includes FR-D720S-042-EC inverter, Radio filter and breaker	£172.00
216528	FR-D720S-070-EC-SET 1.5KW	Includes FR-D720S-070-EC inverter, Radio filter and breaker	£208.00
216529	FR-D720S-100-EC-SET 2.2KW	Includes FR-D720S-100-EC inverter, Radio filter and breaker	£285.00
D740 SC-EC Three Phase 380-480V 50Hz Input			
247601	FR-D740-012SC-EC	0.4kW Three phase high performance micro inverter, 1.2A (source logic safety)	£166.00
247602	FR-D740-022SC-EC	0.75kW Three phase high performance micro inverter, 2.2A (source logic safety)	£183.00
247603	FR-D740-036SC-EC	1.5kW Three phase high performance micro inverter, 3.6A (source logic safety)	£207.00
247604	FR-D740-050SC-EC	2.2kW Three phase high performance micro inverter, 5A (source logic safety)	£298.00
247605	FR-D740-080SC-EC	3.7kW Three phase high performance micro inverter, 8A (source logic safety)	£407.00
247606	FR-D740-120SC-EC	5.5kW Three phase high performance micro inverter, 12A (source logic safety)	£563.00
247607	FR-D740-160SC-EC	7.5kW Three phase high performance micro inverter, 16A (source logic safety)	£773.00
D740 EMC Noise Filters			
215007	FFR-CSH-036-8A-RF1	Radio Filter for FR-D740-012-EC, 022-EC & 036EC	£26.50
215008	FFR-CSH-080-16A-RF1	Radio Filter for FR-D740-050-EC & 080-EC	£35.00
215005	FFR-MSH-170-30A-RF1	Radio Filter for FR-D740-120-EC & 160-EC	£40.00
D740 Low Leakage EMC Filters			
226836	FFR-CSH-036-8A-RF1-LL	Low Leakage Radio Filter for FR-D740-012-EC, 022-EC & 036EC	£29.00
226837	FFR-CSH-080-16A-RF1-LL	Low Leakage Radio Filter for FR-D740-050-EC & 080-EC	£39.00
226838	FFR-MSH-170-30A-RF1-LL	Low Leakage Radio Filter for FR-D740-120-EC & 160-EC	£46.50
D720S & D740 Options			
130833	FR-UDA01	Adapter for mounting the D700 inverters on DIN rail 68mm wide	£10.00
130832	FR-UDA02	Adapter for mounting the D700 inverters on DIN rail 108mm wide	£15.00
D720 Three Phase 200V 50Hz Input - Special Version			
217399	FR-D720-0.1K	0.1kW Three phase 200V high performance micro inverter, 0.8A	£148.00
217400	FR-D720-0.2K	0.2kW Three phase 200V high performance micro inverter, 1.4A	£154.00
217401	FR-D720-0.4K	0.4kW Three phase 200V high performance micro inverter, 2.5A	£169.00
217402	FR-D720-0.75K	0.75kW Three phase 200V high performance micro inverter, 4.2A	£186.00
217403	FR-D720-1.5K	1.5kW Three phase high 200V performance micro inverter, 7A	£212.00
217404	FR-D720-2.2K	2.2kW Three phase 200V high performance micro inverter, 10A	£304.00
217415	FR-D720-3.7K	3.7kW Three phase high 200V performance micro inverter, 16.5A	£416.00
217416	FR-D720-5.5K	5.5kW Three phase high 200V performance micro inverter, 23.8A	£574.00
217417	FR-D720-7.5K	7.5kW Three phase high 200V performance micro inverter, 31.8A	£790.00
D710W Single Phase 110V Input - Three Phase 0V to 230VAC Output - Special Version			
219059	FR-D710W-0.1K	0.1kW Single Phase 110V in 0V to 230V Three Phase Out high performance micro inverter, 0.8A	£171.00
219060	FR-D710W-0.2K	0.2kW Single Phase 110V in 0V to 230V Three Phase Out high performance micro inverter, 1.4A	£188.00
219061	FR-D710W-0.4K	0.4kW Single Phase 110V in 0V to 230V Three Phase Out high performance micro inverter, 2.5A	£204.00
219062	FR-D710W-0.75K	0.75kW Single Phase 110V in 0V to 230V Three Phase Out high performance micro inverter, 4.2A	£238.00
E700 SERIES HIGH PERFORMANCE COMPACT INVERTERS			
E720S Single Phase 240V 50Hz Input - Safety Version (Source Logic)			
234795	FR-E720S-008SC-EC	0.1kW Single phase, high performance, compact inverter, 0.8A	£135.00
234796	FR-E720S-015SC-EC	0.2kW Single phase, high performance, compact inverter, 1.5A	£141.00
234797	FR-E720S-030SC-EC	0.4kW Single phase, high performance, compact inverter, 3.0A	£147.00
234798	FR-E720S-050SC-EC	0.75kW Single phase, high performance, compact inverter, 5.0A	£171.00
234799	FR-E720S-080SC-EC	1.5kW Single phase, high performance, compact inverter, 8.0A	£270.00
234800	FR-E720S-110SC-EC	2.2kW Single phase, high performance, compact inverter, 11A	£317.00
E720S EMC Noise Filters			
216227	FFR-CS-050-14A-RF1	Radio Filter for FR-E720S-008-EC, 015-EC & 030-EC	£13.00
216228	FFR-CS-080-20A-RF1	Radio Filter for FR-E720S-050-EC & 080-EC	£19.00
216229	FFR-CS-110-26A-RF1	Radio Filter for FR-E720S-110-EC	£24.50
E720S Low Leakage EMC Noise Filters			
229801	FFR-CS-050-14A-RF1-LL	Low Leakage Filter for FR-E720S-008-EC, 015-EC & 030-EC	£15.00
229802	FFR-CS-080-20A-RF1-LL	Low Leakage Filter for FR-E720S-050-EC & 080-EC	£25.50
229803	FFR-CS-110-26A-RF1-LL	Low Leakage Filter for FR-E720S-110-EC	£36.00
E740 Three Phase 380-415V 50Hz Input - Safety Version (Source Logic)			
234801	FR-E740-016SC-EC	0.4kW Three phase, high performance, compact inverter, 1.6A	£264.00
234802	FR-E740-026SC-EC	0.75kW Three phase, high performance, compact inverter, 2.6A	£280.00
234803	FR-E740-040SC-EC	1.5kW Three phase, high performance, compact inverter, 4A	£301.00
234804	FR-E740-060SC-EC	2.2kW Three phase, high performance, compact inverter, 6A	£417.00
234805	FR-E740-095SC-EC	3.7kW Three phase, high performance, compact inverter, 9.5A	£553.00
234806	FR-E740-120SC-EC	5.5kW Three phase, high performance, compact inverter, 12A	£669.00
234807	FR-E740-170SC-EC	7.5kW Three phase, high performance, compact inverter, 17A	£925.00
234808	FR-E740-230SC-EC	11kW Three phase, high performance, compact inverter, 23A	£979.00
234809	FR-E740-300SC-EC	15kW Three phase, high performance, compact inverter, 30A	£1,144.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
E740 EMC Noise Filters			
214953	FFR-MSH-040-8A-RF1	Radio Filter for E740-0.4K, 0.75, 1.5K inverters	£31.00
215004	FFR-MSH-095-16A-RF1	Radio Filter for E740-2.2K, 3.7K inverters	£40.00
215005	FFR-MSH-170-30A-RF1	Radio Filter for E740-5.5K, 7.5K inverters	£40.00
215006	FFR-MSH-300-50A-RF1	Radio Filter for E740-11K, 15K inverters	£88.50
E720 Three Phase 200V 50Hz Input - Special Version with built in safety			
236465	FR-E720-0.1KSC	0.1kW Three phase 200V high performance micro inverter, 0.8A	£182.00
236466	FR-E720-0.2KSC	0.2kW Three phase 200V high performance micro inverter, 1.5A	£196.00
236467	FR-E720-0.4KSC	0.4kW Three phase 200V high performance micro inverter, 3A	£264.00
236468	FR-E720-0.75KSC	0.75kW Three phase 200V high performance micro inverter, 5A	£280.00
236469	FR-E720-1.5KSC	1.5kW Three phase high 200V performance micro inverter, 8A	£301.00
236470	FR-E720-2.2KSC	2.2kW Three phase 200V high performance micro inverter, 11A	£417.00
236471	FR-E720-3.7KSC	3.7kW Three phase high 200V performance micro inverter, 17.5A	£553.00
236472	FR-E720-5.5KSC	5.5kW Three phase high 200V performance micro inverter, 24A	£669.00
236473	FR-E720-7.5KSC	7.5kW Three phase high 200V performance micro inverter, 33A	£925.00
236474	FR-E720-11KSC	11kW Three phase high 200V performance micro inverter, 47A	£979.00
236475	FR-E720-15KSC	15kW Three phase high 200V performance micro inverter, 60A	£1,144.00
E710W Single Phase 110V Input - Three Phase 0V to 230VAC Output - Special Version			
225922	FR-E710W-008-NA	0.1kW Single Phase 110V in 0V to 230V Three phase out high performance micro inverter, 0.8A	£385.00
225923	FR-E710W-015-NA	0.2kW Single Phase 110V in 0V to 230V Three phase out high performance micro inverter, 1.5A	£395.00
225924	FR-E710W-030-NA	0.4kW Single Phase 110V in 0V to 230V Three phase out high performance micro inverter, 3.0A	£419.00
225925	FR-E710W-050-NA	0.75kW Single Phase 110V in 0V to 230V Three phase out high performance micro inverter, 5.0A	£470.00
E700 Communication Options For Safety Version			
239641	FR-A7AX-Ekit-SC-E	12-bit digital input function kit for E700 (including new cover)	£76.00
239642	FR-A7AY-Ekit-SC-E	Expanded digital and analogue outputs kit for E700 (including new cover)	£112.00
239643	FR-A7AR-Ekit-SC-E	Additional free configurable relay outputs kit for E700 (including new cover)	£76.00
239644	FR-A7NC-Ekit-SC-E	CC-Link interface kit for E700 (including new cover)	£145.00
239645	FR-A7NL-Ekit-SC-E	Lon Works interface kit for E700 (including new cover)	£214.00
239646	FR-A7NP-Ekit-SC-E	Profibus interface kit for E700 (including new cover)	£214.00
239647	FR-A7NP-Ekit-SC-E-01	Profibus interface kit for E700 (including new cover) with D Sub Connector	£214.00
239648	FR-A7ND-Ekit-SC-E	Device net interface kit for E700 (including new cover)	£214.00
E700 Communication Options to convert old type kits for use on new Safety Version			
238119	FR-A7AX E Kit Cover SC-E	Front cover for 12-bit digital input function card for E700 Safety Version	£21.50
238120	FR-A7AY E Kit Cover SC-E	Front cover for expanded digital and analogue outputs card for E700 Safety	£21.50
238121	FR-A7AR E Kit Cover SC-E	Front cover for relay output card for E700 Safety Version	£21.50
238118	FR-A7NC E Kit Cover SC-E	Front cover for CC-Link card for E700 Safety Version	£21.50
238115	FR-A7NL E Kit Cover SC-E	Front cover for Lon Works card for E700 Safety Version	£21.50
238116	FR-A7NP E Kit Cover SC-E	Front cover for Profibus card for E700 Safety Version	£21.50
238117	FR-A7ND E kit Cover SC-E	Front cover for Device net card for E700 Safety Version	£21.50
F700 SERIES INTELLIGENT INVERTERS			
F740 Standard Duty Inverter - Three Phase 380-415V 50Hz Input			
156569	FR-F740-00023-EC	F700 Three phase, standard duty inverter, 2.3A (0.75kW)	£507.00
156570	FR-F740-00038-EC	F700 Three phase, standard duty inverter, 3.8A (1.5kW)	£541.00
156571	FR-F740-00052-EC	F700 Three phase, standard duty inverter, 5.2A (2.2kW)	£600.00
156572	FR-F740-00083-EC	F700 Three phase, standard duty inverter, 8.3A (3.7kW)	£683.00
156573	FR-F740-00126-EC	F700 Three phase, standard duty inverter, 12.6A (5.5kW)	£766.00
156594	FR-F740-00170-EC	F700 Three phase, standard duty inverter, 17A (7.5kW)	£890.00
156595	FR-F740-00250-EC	F700 Three phase, standard duty inverter, 25A (11kW)	£1,003.00
156596	FR-F740-00310-EC	F700 Three phase, standard duty inverter, 31A (15kW)	£1,247.00
156597	FR-F740-00380-EC	F700 Three phase, standard duty inverter, 38A (18.5kW)	£1,531.00
156598	FR-F740-00470-EC	F700 Three phase, standard duty inverter, 47A (22kW)	£2,042.00
156599	FR-F740-00620-EC	F700 Three phase, standard duty inverter, 62A (30kW)	£2,556.00
F740 Standard Duty Inverter - Combined chassis and control card - Three Phase 380-415V 50Hz Input			
169827	FR-AF740-00770-EC chassis	F700 Three phase, standard duty inverter, 77A (37kW)	£3,178.00
189878	FR-CF70-EC control card		
169828	FR-AF740-00930-EC chassis	F700 Three phase, standard duty inverter, 93A (45kW)	£3,858.00
189878	FR-CF70-EC control card		
169829	FR-AF740-01160-EC chassis	F700 Three phase, standard duty inverter, 116A (55kW)	£4,574.00
189878	FR-CF70-EC control card		
169830	FR-AF740-01800-EC chassis	F700 Three phase, standard duty inverter, 180A (90kW)	£4,840.00
189879	FR-CF70-ECT control card		
169831	FR-AF740-02160-EC chassis	F700 Three phase, standard duty inverter, 216A (110kW)	£5,473.00
189879	FR-CF70-ECT control card		
169832	FR-AF740-02600-EC chassis	F700 Three phase, standard duty inverter, 260A (132kW)	£6,230.00
189879	FR-CF70-ECT control card		
169833	FR-AF740-03250-EC chassis	F700 Three phase, standard duty inverter, 325A (160kW)	£7,645.00
189879	FR-CF70-ECT control card		
169834	FR-AF740-03610-EC chassis	F700 Three phase, standard duty inverter, 361A (185kW)	£8,738.00
189879	FR-CF70-ECT control card		
169835	FR-AF740-04320-EC chassis	F700 Three phase, standard duty inverter, 432A (220kW)	£10,298.00
189879	FR-CF70-ECT control card		



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
169836	FR-AF740-04810-EC chassis	F700 Three phase, standard duty inverter, 481A (250kW)	£12,287.00
189879	FR-CF70-ECT control card		
169837	FR-AF740-05470-EC chassis	F700 Three phase, standard duty inverter, 547A (280kW)	£13,445.00
189879	FR-CF70-ECT control card		
169838	FR-AF740-06100-EC chassis	F700 Three phase, standard duty inverter, 610A (315kW)	£16,338.00
189879	FR-CF70-ECT control card		
169839	FR-AF740-06830-EC chassis	F700 Three phase, standard duty inverter, 683A (355kW)	£16,599.00
189879	FR-CF70-ECT control card		
169840	FR-AF740-07700-EC chassis	F700 Three phase, standard duty inverter, 770A (400kW)	£17,373.00
189879	FR-CF70-ECT control card		
169841	FR-AF740-08660-EC chassis	F700 Three phase, standard duty inverter, 866A (451kW)	£26,035.00
189879	FR-CF70-ECT control card		
169842	FR-AF740-09620-EC chassis	F700 Three phase, standard duty inverter, 962A (500kW)	£39,849.00
189879	FR-CF70-ECT control card		
169843	FR-AF740-10940-EC chassis	F700 Three phase, standard duty inverter, 1094A (560kW)	£44,414.00
189879	FR-CF70-ECT control card		
169844	FR-AF740-12120-EC chassis	F700 Three phase, standard duty inverter, 1212A (630kW)	£47,463.00
189879	FR-CF70-ECT control card		

F746 Enclosed IP54 Version of F700 Series Standard Duty Inverter

163796	FR-F746-00023-EC (0.75KW)	F746 Three phase, IP54 standard duty inverter, 2.3A (0.75kW)	£643.00
163797	FR-F746-00038-EC (1.5KW)	F746 Three phase, IP54 standard duty inverter, 3.8A (1.5kW)	£675.00
163798	FR-F746-00052-EC (2.2KW)	F746 Three phase, IP54 standard duty inverter, 5.2A (2.2kW)	£731.00
163799	FR-F746-00083-EC (3.7KW)	F746 Three phase, IP54 standard duty inverter, 8.3A (3.7kW)	£813.00
163800	FR-F746-00126-EC (5.5KW)	F746 Three phase, IP54 standard duty inverter, 12.6A (5.5kW)	£891.00
163801	FR-F746-00170-EC (7.5KW)	F746 Three phase, IP54 standard duty inverter, 17A (7.5kW)	£1,085.00
163802	FR-F746-00250-EC (11KW)	F746 Three phase, IP54 standard duty inverter, 25A (11kW)	£1,195.00
163803	FR-F746-00310-EC (15KW)	F746 Three phase, IP54 standard duty inverter, 31A (15kW)	£1,438.00
163804	FR-F746-00380-EC (18.5KW)	F746 Three phase, IP54 standard duty inverter, 38A (18.5kW)	£1,709.00
163805	FR-F746-00470-EC (22KW)	F746 Three phase, IP54 standard duty inverter, 47A (22kW)	£2,232.00
163806	FR-F746-00620-EC (30KW)	F746 Three phase, IP54 standard duty inverter, 62A (30kW)	£2,725.00
163807	FR-F746-00770-EC (37KW)	F746 Three phase, IP54 standard duty inverter, 77A (37kW)	£3,369.00
163808	FR-F746-00930-EC (45KW)	F746 Three phase, IP54 standard duty inverter, 93A (45kW)	£4,225.00
163809	FR-F746-01160-EC (55KW)	F746 Three phase, IP54 standard duty inverter, 116A (55kW)	£4,913.00

F746 EMC Noise Filters

201551	FFR-AF-IP54-21A-SM2	High Specification EMC filter for FR-F746-00023-FFR-F746-00126	£91.50
201552	FFR-AF-IP54-44A-SM2	High Specification EMC filter for FR-F746-00170-FFR-F746-00250	£111.00
201553	FFR-AF-IP54-62A-SM2	High Specification EMC filter for FR-F746-00310-FFR-F746-00380	£128.00
201704	FFR-AF-IP54-98A-SM2	High Specification EMC filter for FR-F746-00470-FFR-F746-00620	£210.00
201705	FFR-AF-IP54-117A-SM2	High Specification EMC filter for FR-F746-00770	£318.00
201706	FFR-AF-IP54-172A-SM2	High Specification EMC filter for FR-F746-00930-FFR-F746-01160	£387.00

F720 Standard Duty Inverter - Three Phase 200-220V 50Hz Input - Special Version

194686	FR-F720-0.75K	F720 Three phase 200V, standard duty inverter, 4.2A	£507.00
194687	FR-F720-1.5K	F720 Three phase 200V, standard duty inverter, 7.0A	£541.00
194688	FR-F720-2.2K	F720 Three phase 200V, standard duty inverter, 9.6A	£600.00
194689	FR-F720-3.7K	F720 Three phase 200V, standard duty inverter, 15.2A	£683.00
160810	FR-F720-5.5K	F720 Three phase 200V, standard duty inverter, 23A	£766.00
194690	FR-F720-7.5K	F720 Three phase 200V, standard duty inverter, 31A	£890.00
194691	FR-F720-11K	F720 Three phase 200V, standard duty inverter, 45A	£1,003.00
194692	FR-F720-15K	F720 Three phase 200V, standard duty inverter, 58A	£1,247.00
194693	FR-F720-18.5K	F720 Three phase 200V, standard duty inverter, 70A	£1,531.00
194714	FR-F720-22K	F720 Three phase 200V, standard duty inverter, 85A	£2,042.00
194715	FR-F720-30K	F720 Three phase 200V, standard duty inverter, 114A	£2,556.00
194716	FR-F720-37K	F720 Three phase 200V, standard duty inverter, 140A	£3,177.00
194717	FR-F720-45K	F720 Three phase 200V, standard duty inverter, 170A	£3,858.00
194718	FR-F720-55K	F720 Three phase 200V, standard duty inverter, 212A	£4,571.00
194719	FR-F720-75K	F720 Three phase 200V, standard duty inverter, 288A	£4,840.00
194720	FR-F720-90K	F720 Three phase 200V, standard duty inverter, 346A	£5,471.00
194721	FR-F720-110K	F720 Three phase 200V, standard duty inverter, 432A	£6,227.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

A700 SERIES HIGH PERFORMANCE INVERTERS

A740 High Duty Inverter - Three Phase 380-415V 50Hz Input

169826	FR-A740-00023-EC	A700 Three phase, High Specification inverter, 1.5A (0.4kW)	£596.00
169797	FR-A740-00038-EC	A700 Three phase, High Specification inverter, 2.5A (0.75kW)	£628.00
169798	FR-A740-00052-EC	A700 Three phase, High Specification inverter, 4A (1.5kW)	£687.00
169799	FR-A740-00083-EC	A700 Three phase, High Specification inverter, 6A (2.2kW)	£772.00
169800	FR-A740-00126-EC	A700 Three phase, High Specification inverter, 9A (3.7kW)	£853.00
169801	FR-A740-00170-EC	A700 Three phase, High Specification inverter, 12A (5.5kW)	£978.00
169802	FR-A740-00250-EC	A700 Three phase, High Specification inverter, 17A (7.5kW)	£1,091.00
169803	FR-A740-00310-EC	A700 Three phase, High Specification inverter, 23A (11kW)	£1,333.00
169804	FR-A740-00380-EC	A700 Three phase, High Specification inverter, 31A (15kW)	£1,618.00
169805	FR-A740-00470-EC	A700 Three phase, High Specification inverter, 38A (18.5kW)	£2,131.00
169806	FR-A740-00620-EC	A700 Three phase, High Specification inverter, 44A (22kW)	£2,643.00

A740 High Duty Inverter - Combined chassis and control Card - Three Phase 380-415V 50Hz Input

169827	FR-AF740-00770-EC chassis	A700 Three phase, High Specification inverter, 57A (30kW)	£3,688.00
169877	FR-CA70-EC control card		



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
169828	FR-AF740-00930-EC chassis	A700 Three phase, High Specification inverter, 71A (37kW)	£4,368.00
169877	FR-CA70-EC control card		
169829	FR-AF740-01160-EC chassis	A700 Three phase, High Specification inverter, 86A (45kW)	£5,084.00
169877	FR-CA70-EC control card		
169830	FR-AF740-01800-EC chassis	A700 Three phase, High Specification inverter, 110A (55kW)	£5,320.00
169877	FR-CA70-EC control card		
169831	FR-AF740-02160-EC chassis	A700 Three phase, High Specification inverter, 144A (75kW)	£6,269.00
190051	FR-CA70-ECT control card		
169832	FR-AF740-02600-EC chassis	A700 Three phase, High Specification inverter, 180A (90kW)	£7,026.00
190051	FR-CA70-ECT control card		
169833	FR-AF740-03250-EC chassis	A700 Three phase, High Specification inverter, 216A (110kW)	£8,441.00
190051	FR-CA70-ECT control card		
169834	FR-AF740-03610-EC chassis	A700 Three phase, High Specification inverter, 260A (132kW)	£9,534.00
190051	FR-CA70-ECT control card		
169835	FR-AF740-04320-EC chassis	A700 Three phase, High Specification inverter, 325A (160kW)	£11,094.00
190051	FR-CA70-ECT control card		
169836	FR-AF740-04810-EC chassis	A700 Three phase, High Specification inverter, 361A (185kW)	£13,083.00
190051	FR-CA70-ECT control card		
169837	FR-AF740-05470-EC chassis	A700 Three phase, High Specification inverter, 432A (220kW)	£14,241.00
190051	FR-CA70-ECT control card		
169838	FR-AF740-06100-EC chassis	A700 Three phase, High Specification inverter, 481A (250kW)	£17,134.00
190051	FR-CA70-ECT control card		
169839	FR-AF740-06830-EC chassis	A700 Three phase, High Specification inverter, 547A (280kW)	£17,395.00
190051	FR-CA70-ECT control card		
169840	FR-AF740-07700-EC chassis	A700 Three phase, High Specification inverter, 610A (315kW)	£18,169.00
190051	FR-CA70-ECT control card		
169841	FR-AF740-08660-EC chassis	A700 Three phase, High Specification inverter, 683A (355kW)	£26,831.00
190051	FR-CA70-ECT control card		
169842	FR-AF740-09620-EC chassis	A700 Three phase, High Specification inverter, 770A (400kW)	£40,645.00
190051	FR-CA70-ECT control card		
169843	FR-AF740-10940-EC chassis	A700 Three phase, High Specification inverter, 866A (450kW)	£45,210.00
190051	FR-CA70-ECT control card		
169844	FR-AF740-12120-EC chassis	A700 Three phase, High Specification inverter, 962A (500kW)	£48,259.00
190051	FR-CA70-ECT control card		

A741 Regenerative Inverter - Three Phase 380-415V 50Hz Input

216905	FR-A741-5.5k	A741 Three phase, Regenerative High Specification inverter, 12A (5.5kW)	£1,635.00
216906	FR-A741-7.5k	A741 Three phase, Regenerative High Specification inverter, 17A (7.5kW)	£1,908.00
216907	FR-A741-11K	A741 Three phase, Regenerative High Specification inverter, 23A (11kW)	£2,237.00
216908	FR-A741-15K	A741 Three phase, Regenerative High Specification inverter, 31A (15kW)	£2,558.00
216909	FR-A741-18.5K	A741 Three phase, Regenerative High Specification inverter, 38A (18.5kW)	£3,137.00
217397	FR-A741-22K	A741 Three phase, Regenerative High Specification inverter, 44A (22kW)	£3,831.00
216910	FR-A741-30K	A741 Three phase, Regenerative High Specification inverter, 57A (30kW)	£4,820.00
216911	FR-A741-37K	A741 Three phase, Regenerative High Specification inverter, 71A (37kW)	£5,728.00
216912	FR-A741-45K	A741 Three phase, Regenerative High Specification inverter, 86A (45kW)	£6,682.00
216913	FR-A741-55K	A741 Three phase, Regenerative High Specification inverter, 110A (55kW)	£7,553.00

A741 EMC Noise Filters

227840	FFR-RS-7.5K-27A-EF100	Radio Filter for FR-A741-5.5K - 7.5K	£274.00
227841	FFR-RS-15K-45A-EF100	Radio Filter for FR-A741-11K - 15K	£314.00
227842	FFR-RS-22K-65A-EF100	Radio Filter for FR-A741-18.5K - 22K	£361.00
227843	FFR-RS-45K-127A-EF100	Radio Filter for FR-A741-30K - 40K	£524.00
227844	FFR-RS-55K-159A-EF100	Radio Filter for FR-A741-55K	£629.00

A720 High Duty Inverter - Three Phase 200-220V 50Hz Input - Special Version

169758	FR-A720-00030-NA	A720 Three phase 200V, High Specification Inverter, 3A (0.4kW)	£596.00
169759	FR-A720-00050-NA	A720 Three phase 200V, High Specification Inverter, 5A (0.75kW)	£628.00
169760	FR-A720-00080-NA	A720 Three phase 200V, High Specification Inverter, 8A (1.5kW)	£687.00
169761	FR-A720-00110-NA	A720 Three phase 200V, High Specification Inverter, 11A (2.2kW)	£772.00
169762	FR-A720-00175-NA	A720 Three phase 200V, High Specification Inverter, 17.5A (3.7kW)	£853.00
169763	FR-A720-00240-NA	A720 Three phase 200V, High Specification Inverter, 24A (5.5kW)	£978.00
169764	FR-A720-00330-NA	A720 Three phase 200V, High Specification Inverter, 33A (7.5kW)	£1,091.00
169765	FR-A720-00460-NA	A720 Three phase 200V, High Specification Inverter, 46A (11kW)	£1,333.00
169766	FR-A720-00610-NA	A720 Three phase 200V, High Specification Inverter, 61A (15kW)	£1,618.00
169767	FR-A720-00760-NA	A720 Three phase 200V, High Specification Inverter, 76A (18.5kW)	£2,131.00
169768	FR-A720-00900-NA	A720 Three phase 200V, High Specification Inverter, 90A (22kW)	£2,643.00
169769	FR-A720-01150-NA	A720 Three phase 200V, High Specification Inverter, 115A (30kW)	£3,686.00
169770	FR-A720-01450-NA	A720 Three phase 200V, High Specification Inverter, 145A (37kW)	£4,368.00
169771	FR-A720-01750-NA	A720 Three phase 200V, High Specification Inverter, 175A (45kW)	£5,082.00
169772	FR-A720-02150-NA	A720 Three phase 200V, High Specification Inverter, 215A (55kW)	£5,320.00
169773	FR-A720-02880-NA	A720 Three phase 200V, High Specification Inverter, 288A (75kW)	£6,268.00
169774	FR-A720-03460-NA	A720 Three phase 200V, High Specification Inverter, 346A (90kW)	£7,026.00

700 Series Options

156775	FR-A7AX	12-bit digital input function for A & F700 inverters	£76.00
156776	FR-A7AY	Expanded digital and analogue output for A & F700 inverters	£112.00
156777	FR-A7AR	Relay output function for A & F700 inverters	£76.00
191399	FR-A7PS	12V Encoder power supply terminal block for A700 inverters	£175.00
191402	FR-A7AL	Encoder master slave function, pulse train in and out, pulse divider function.	£298.00
166133	FR-A7AP	Encoder feedback for A700 inverters	£136.00
156778	FR-A7NC	CC-Link interface for A & F700 inverters	£145.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
156779	FR-A7NL	LONWorks interface for A & F700 inverters	£214.00
208972	FR-A7N-XLT	Jonson controls Metasys@N2, Siemens FLN and Modbus RTU interface card for NA type A & F700 inverters	£347.00
158524	FR-A7NP	Profibus interface for A & F700 inverters	£214.00
191751	FR-D-Sub9-A7NP	9-Pin connector for A7NP Profibus card	£31.00
158525	FR-A7ND	DeviceNet interface for A & F700 inverters	£214.00
191403	FR-A7NS	SSCNETIII interface for A700 inverters	£425.00
212369	FR-A7N-ETH	Interface for; Modbus TCP, Ethernet/IP, Profinet, BACNet to Modbus RTU, for F & A700	£341.00
167612	FR-RJ45-HUB10	RS485 10 port hub	£140.00
167613	FR-RJ45-HUB4	RS485 4 port hub	£71.00
167614	FR-RJ45-TR	RS485 terminal resistor	£22.50
70727	FR-A5 CBL 1	Interconnecting cable for use with RJ45 Hub, 1 metre	£10.50
70728	FR-A5 CBL 2.5	Interconnecting cable for use with RJ45 Hub, 2.5 metres	£12.50
70729	FR-A5 CBL 5	Interconnecting cable for use with RJ45 Hub, 5 metres	£14.50
157515	FR-ADP	FR-CB cable adaptor for use with the FR-DU07	£16.50
214795	FR-PA07	Simple keypad	£35.00
157514	FR-DU07	Simple keypad - standard with each A & F700 inverter	£45.00
207067	FR-DU07-IP54	IP54 version Simple keypad	£47.00
242151	FR-PU07-01	10 Key LCD Display parameter unit with extended functions for all 700 series drives	£85.00
209052	FR-PU07BB-L	Battery Backed 10 Key LCD parameter unit with extended functions for all 700 series drives	£149.00
76002	FR-CB201	FR-PU04 & PU07 extension cable, 1 metre	£19.00
76003	FR-CB203	FR-PU04 & PU07 extension cable, 3 metre	£29.00
76004	FR-CB205	FR-PU04 & PU07 extension cable, 5 metre	£43.00
159637	FR-CB201-ADP KIT	FR-DU07 extension cable with FR-ADP adaptor, 1 metre	£24.50
159638	FR-CB203-ADP KIT	FR-DU07 extension cable with FR-ADP adaptor, 3 metre	£33.00
159640	FR-CB205-ADP KIT	FR-DU07 extension cable with FR-ADP adaptor, 5 metre	£48.00
144721	FR-CB2-485	RS-485 communication multidrop cable and connector.	£13.50
155606	USB-RS232	UC232A USB-RS232 Adapter for A700	£28.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
700 Series EMC Filter Options			
193677	FFR-BS-00126-18A-SF100	EMC filter for FR-A/F740-00023-00126	£59.50
193678	FFR-BS-00250-30A-SF100	EMC filter for FR-A/F740-00170-00250	£80.00
193679	FFR-BS-00380-55A-SF100	EMC filter for FR-A/F740-00310-00380	£103.00
193680	FFR-BS-00620-75A-SF100	EMC filter for FR-A/F740-00470-00620	£168.00
193681	FFR-BS-00770-95A-SF100	EMC filter for FR-A/F740-00770	£245.00
193682	FFR-BS-00930-120A-SF100	EMC filter for FR-A/F740-00930	£308.00
193683	FFR-BS-01800-180A-SF100	EMC filter for FR-A/F740-00930-01800	£421.00
141097	FN3359-180-28	EMC filter for FR-F740-01800-EC	£600.00
104663	FN3359-250-28	EMC filter for FR-A/F740-02160-02600	£680.00
104664	FN3359-400-99	EMC filter for FR-A/F740-03250-04320	£840.00
104665	FN3359-600-99	EMC filter for FR-A/F740-04810-06100	£1,115.00
104666	FN3359-1000-99	EMC filter for FR-A/F740-06830-09620	£1,817.00
130229	FN3359-1600-99	EMC filter for FR-A/F740-10940-12120	£2,404.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
700 Series Floor Standing Unit			
163994	FR-FSU-01800	Floor Standing Unit for A/F740-00930 up to 01800	£558.00
163995	FR-FSU-02600	Floor Standing Unit for A/F740-02160 up to 02600	£614.00
163996	FR-FSU-03610	Floor Standing Unit for A/F740-03250 up to 03610	£811.00
163997	FR-FSU-04810	Floor Standing Unit for A/F740-04320 up to 04810	£893.00
163998	FR-FSU-06830	Floor Standing Unit for A/F740-05470 up to 06830	£1,011.00
164783	FR-FSU-08660	Floor Standing Unit for A/F740-07700 up to 08660	£1,126.00
164791	FR-FSU-01800-RE250	Floor Standing Unit for A/F740-01160 to 01800 with Electronic Trip MCCB; NF250-SGW 3P	£746.00
164792	FR-FSU-02600-RE250	Floor Standing Unit for A/F740-02160 with Electronic Trip type MCCB; NF250-SGW 3P	£804.00
164793	FR-FSU-02600-RE400	Floor Standing Unit for A/F740-02600 with Electronic Trip type MCCB; NF400-SEP 3P 200-400A	£879.00
164794	FR-FSU-03610-RE400	Floor Standing Unit for A/F740-03250 - 03610 with Electronic Trip type MCCB; NF400-SEP 3P 200-400A	£1,074.00
164795	FR-FSU-04810-RE630	Floor Standing Unit for A/F740-04320 - 04810 with Electronic Trip type MCCB; NF630-SEP 3P 300-630A	£1,217.00
164796	FR-FSU-06830-RE630	Floor Standing Unit for A/F740-05470 with Electronic Trip type MCCB; NF630-SEP 3P 300-630A	£1,335.00
164798	FR-FSU-06830-RE800	Floor Standing Unit for A/F740-06100 - 06830 with Electronic Trip type MCCB; NF800-SEP 3P 400-800A	£1,540.00
164799	FR-FSU-08660-RE1000	Floor Standing Unit for A/F740-07700 - 08660 with Electronic Trip type MCCB; NF1000-SS 3P 500-1000A	£1,780.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
700 Series Control Cards			
169877	FR-CA70-EC	A700 Control Card for FR-AF740-00770 to 01800	£775.00
190051	FR-CA70-ECT	A700 Control Card for FR-AF740-02160 to 12120	£1,091.00
189878	FR-CF70-EC	F700 Control Card for FR-AF740-00770 to 01160	£265.00
189879	FR-CF70-ECT	F700 Control Card for FR-AF740-01800 to 12120	£295.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Inverter Programming Software			
215701	FR-Configurator V30010-E S/W	Set-up and monitoring software for all 700 and 500 series inverters	£57.50
88426	SC-FR-PC	Inverter RS485 programming software cable (PU Port)	£107.00
160229	MR-J3USBCBL3M	MR-J3 servo and inverter USB programming software cable (Mini-USB Port)	£53.50
231775	DATA COMP CD - DRIVES	FR-700 Series data companion CD (Includes FR-Configurator S/W)	£108.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
INVERTER OPTIONS COMMON TO ALL RANGES			
Brake Unit, Resistor and Regenerative converter Options			



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
46788	FR-ABR-0.4 K	External brake resistor for FR-D720S,FR-E720S 0.4K	£17.50
46602	FR-ABR-0.75 K	External brake resistor for FR-D720S,FR-E720S 0.75K	£23.50
46787	FR-ABR-2.2 K	External brake resistor for FR-D720S, FR-E720S 1.5K and 2.2K	£31.00
46601	FR-ABR-H0.4 K	External brake resistor for FR-D740, FR-E740, FR-A740 0.4K	£17.50
46411	FR-ABR-H0.75 K	External brake resistor for FR-D740, FR-E740, FR-A740 0.75K	£23.50
46603	FR-ABR-H1.5 K	External brake resistor for FR-D740, FR-E740, FR-A740 1.5K	£31.00
46412	FR-ABR-H2.2 K	External brake resistor for FR-D740, FR-E740, FR-A740 2.2K	£36.00
46413	FR-ABR-H3.7 K	External brake resistor for FR-D740, FR-E740, FR-A740 3.7K	£48.00
50045	FR-ABR-H5.5 K	External brake resistor for FR-D740, FR-E740, FR-A740 5.5K	£65.00
50049	FR-ABR-H7.5 K	External brake resistor for FR-D740, FR-E740, FR-A740 7.5K	£106.00
191577	FR-ABR-H11 K	External brake resistor for FR-E740, FR-A740 11K	£172.00
191578	FR-ABR-H15 K	External brake resistor for FR-E740, FR-A740 15K	£207.00
191579	FR-ABR-H22 K	External brake resistor for FR-A740 22K	£377.00
127962	BU UFS 22J	Brake unit, High duty, for 200V inverter 22 A	£459.00
127947	BU UFS 22	Brake unit, High duty, for 400V inverter 22 A	£459.00
127948	BU UFS 40	Brake unit, High duty, for 400V inverter 30 A	£603.00
127950	BU UFS 110	Brake unit, High duty, for 400V inverter 44 A	£684.00
129628	RUFC15	Brake resistor for BU-UFS 15; IP40; 1x40Ohm/1200W	£167.00
129629	RUFC22	Brake resistor for BU-UFS 22; IP40; 1x240Ohm/2000W	£188.00
129630	RUFC40	Brake resistor set for BU-UFS 40; IP40; 2x6.8 Ohm/2000W	£383.00
129631	RUFC110	Brake resistor set for BU-UFS 110; IP40; 4x6.8 Ohm/2000W	£680.00
202420	FR-BU2-1.5K	Brake unit, High duty, for 200V inverter 1.5kW (consult manual for sizing and resistor type)	£279.00
202421	FR-BU2-3.7K	Brake unit, High duty, for 200V inverter 3.7kW (consult manual for sizing and resistor type)	£304.00
202422	FR-BU2-7.5K	Brake unit, High duty, for 200V inverter 7.5kW (consult manual for sizing and resistor type)	£327.00
202423	FR-BU2-15K	Brake unit, High duty, for 200V inverter 15kW (consult manual for sizing and resistor type)	£385.00
202424	FR-BU2-30K	Brake unit, High duty, for 200V inverter 30kW (consult manual for sizing and resistor type)	£939.00
202425	FR-BU2-55K	Brake unit, High duty, for 200V inverter 55kW (consult manual for sizing and resistor type)	£1,569.00
202426	FR-BU2-H7.5K	Brake unit, High duty, for 400V inverter 7.5kW (consult manual for sizing and resistor type)	£492.00
202427	FR-BU2-H15K	Brake unit, High duty, for 400V inverter 15kW (consult manual for sizing and resistor type)	£517.00
202428	FR-BU2-H30K	Brake unit, High duty, for 400V inverter 30kW (consult manual for sizing and resistor type)	£545.00
202429	FR-BU2-H55K	Brake unit, High duty, for 400V inverter 55kW (consult manual for sizing and resistor type)	£587.00
202430	FR-BU2-H75K	Brake unit, High duty, for 400V inverter 75kW (consult manual for sizing and resistor type)	£795.00
252147	FR-BU2-H220K	Brake unit, High duty, for 400V inverter 220kW (consult manual for sizing and resistor type)	£2,224.00
252148	FR-BU2-H280K	Brake unit, High duty, for 400V inverter 280kW (consult manual for sizing and resistor type)	£2,858.00
209575	FR-BR-15K	Brake resistor for 200V FR-BU2; 8 Ohm 990W Continuous	£381.00
209576	FR-BR-30K	Brake resistor for 200V FR-BU2; 4 Ohm 1990W Continuous	£665.00
209577	FR-BR-55K	Brake resistor for 200V FR-BU2; 2 Ohm 3910W Continuous	£960.00
209578	FR-BR-H15K	Brake resistor for 400V FR-BU2; 32 Ohm 990W Continuous	£402.00
209580	FR-BR-H30K	Brake resistor for 400V FR-BU2; 16 Ohm 1990W Continuous	£738.00
209583	FR-BR-H55K	Brake resistor for 400V FR-BU2; 8 Ohm 3910W Continuous	£794.00
125699	MT-BR5-H75K	Brake resistors 400V, more than one set may be needed	£2,931.00
Input Reactors			
140413	ACL002-S	Input reactor for 0.2K single phase inverter, 200V	£60.50
140414	ACL004-S	Input reactor for 0.4K single phase inverter, 200V	£86.50
140415	ACL0075-S	Input reactor for 0.75K single phase inverter, 200V	£199.00
140416	ACL015-S	Input reactor for 1.5K single phase inverter, 200V	£178.00
140417	ACL022-S	Input reactor for 2.2K single phase inverter, 200V	£199.00
87244	FR-BAL-B-4.0K	Input reactor for FR-E740-0.4 to 3.7K, FR-F740-00023-00083, FR-A740-00023-00126	£63.00
87245	FR-BAL-B-5.5K	Input reactor for FR-E740-5.5, FR-F740-00126, FR-A740-00170	£87.50
87246	FR-BAL-B-7.5K	Input reactor for FR-E740-7.5, FR-F740-00170, FR-A740-00250	£105.00
71053	FR-BAL-B-11K-15K	Input reactor for FR-F740-00250-00310, FR-A740-00310-00380	£152.00
87247	FR-BAL-B-22K	Input reactor for FR-F740-00380-00470, FR-A740-00470-00620	£183.00
87248	FR-BAL-B-30K	Input reactor for FR-F740-00620/FR-A740-00770	£244.00
87249	FR-BAL-B-37K	Input reactor for FR-F740-00770/FR-A740-00930	£269.00
71044	FR-BAL-B-45K	Input reactor for FR-F740-00930/FR-A740-01160	£395.00
87250	FR-BAL-B-55K	Input reactor for FR-F740-01160/FR-A740-01800	£440.00
128264	ACL075.2	Input reactor for 75K inverter, 400V	£456.00
128265	ACL110.2	Input reactor for 110K inverter, 400V	£518.00
203012	ACL132.2	Input reactor for 132K inverter, 400V	£667.00
190988	ACL150.2	Input reactor for 160K inverter, 400V	£667.00
203013	ACL220.2	Input reactor for 220K inverter, 400V	£793.00
200671	ACL280.2	Input reactor for 280K inverter, 400V	£918.00
203015	ACL375.2	Input reactor for 375K inverter, 400V	£1,077.00
Output Sine Wave Filters			
209735	FFR-SI-4.5A-SS1	Sine wave PWM smoothing output filter, 4.5 A, 400v	£262.00
209736	FFR-SI-8.3A-SS1	Sine wave PWM smoothing output filter, 8.3 A, 400v	£283.00
209737	FFR-SI-18A-SS1	Sine wave PWM smoothing output filter, 18A, 400v	£349.00
209738	FFR-SI-25A-SS1	Sine wave PWM smoothing output filter, 25A, 400v	£410.00
209739	FFR-SI-32A-SS1	Sine wave PWM smoothing output filter, 32A, 400v	£462.00
209740	FFR-SI-48A-SS1	Sine wave PWM smoothing output filter, 48A, 400v	£734.00
209741	FFR-SI-62A-SS1	Sine wave PWM smoothing output filter, 62A, 400v	£1,039.00
209742	FFR-SI-77A-SS1	Sine wave PWM smoothing output filter, 77A, 400v	£1,265.00
209743	FFR-SI-93A-SS1	Sine wave PWM smoothing output filter, 93A, 400v	£1,545.00
209744	FFR-SI-116A-SS1	Sine wave PWM smoothing output filter, 116A, 400v	£1,947.00
209745	FFR-SI-180A-SS1	Sine wave PWM smoothing output filter, 180A, 400v	£2,334.00
209746	FFR-SI-260A-SS1	Sine wave PWM smoothing output filter, 260A, 400v	£3,505.00
209747	FFR-SI-432A-SS1	Sine wave PWM smoothing output filter, 432A, 400v	£4,645.00
209748	FFR-SI-481A-SS1	Sine wave PWM smoothing output filter, 481A, 400v	£5,673.00
209749	FFR-SI-683A-SS1	Sine wave PWM smoothing output filter, 683A, 400v	£7,164.00
209750	FFR-SI-770A-SS1	Sine wave PWM smoothing output filter, 770A, 400v	£9,614.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
209751	FFR-SI-880A-SS1	Sine wave PWM smoothing output filter, 880A, 400v	£10,532.00
209752	FFR-SI-1212A-SS1	Sine wave PWM smoothing output filter, 1212A, 400v	£13,819.00
209753	FFR-SI-1500A-SS1	Sine wave PWM smoothing output filter, 1500A, 400v	£18,995.00
209754	FFR-SI-1700A-SS1	Sine wave PWM smoothing output filter, 1700A, 400v	£20,430.00

Output dv/dt Filters

209755	FFR-DT-10A-SS1	Inverter output dv/dt reduction filter, 400V 10A, 400v	£80.00
209756	FFR-DT-25A-SS1	Inverter output dv/dt reduction filter, 400V 25A, 400v	£104.00
209757	FFR-DT-47A-SS1	Inverter output dv/dt reduction filter, 400V 47A, 400v	£179.00
209758	FFR-DT-93A-SS1	Inverter output dv/dt reduction filter, 400V 93A, 400v	£264.00
209759	FFR-DT-124A-SS1	Inverter output dv/dt reduction filter, 400V 124A, 400v	£291.00
209760	FFR-DT-182A-SS1	Inverter output dv/dt reduction filter, 400V 182A, 400v	£393.00
209761	FFR-DT-330A-SS1	Inverter output dv/dt reduction filter, 400V 330A, 400v	£662.00
209762	FFR-DT-500A-SS1	Inverter output dv/dt reduction filter, 400V 500A, 400v	£890.00
209763	FFR-DT-610A-SS1	Inverter output dv/dt reduction filter, 400V 610A, 400v	£960.00
209764	FFR-DT-683A-SS1	Inverter output dv/dt reduction filter, 400V 683A, 400v	£1,032.00
209765	FFR-DT-790A-SS1	Inverter output dv/dt reduction filter, 400V 790A, 400v	£1,377.00
209766	FFR-DT-1100A-SS1	Inverter output dv/dt reduction filter, 400V 1100A, 400v	£1,842.00
209767	FFR-DT-1500A-SS1	Inverter output dv/dt reduction filter, 400V 1500A, 400v	£2,581.00
209768	FFR-DT-1920A-SS1	Inverter output dv/dt reduction filter, 400V 1920A, 400v	£2,863.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
HARMONIC REDUCTION OPTIONS			

DC Link Choke 400V

238342	FFR-HEL-H0.4K-E	DC Link Choke for 0.4kW inverter, 400V	£14.00
238343	FFR-HEL-H0.75K-E	DC Link Choke for 0.75kW inverter, 400V	£19.50
238344	FFR-HEL-H1.5K-E	DC Link Choke for 1.5kW inverter, 400V	£25.00
238345	FFR-HEL-H2.2K-E	DC Link Choke for 2.2kW inverter, 400V	£30.00
238346	FFR-HEL-H3.7K-E	DC Link Choke for 3.7kW inverter, 400V	£37.50
238347	FFR-HEL-H5.5K-E	DC Link Choke for 5.5kW inverter, 400V	£40.50
238348	FFR-HEL-H7.5K-E	DC Link Choke for 7.5kW inverter, 400V	£52.00
238349	FFR-HEL-H11K-E	DC Link Choke for 11kW inverter, 400V	£64.00
238350	FFR-HEL-H15K-E	DC Link Choke for 15kW inverter, 400V	£66.00
238351	FFR-HEL-H18.5K-E	DC Link Choke for 18.5kW inverter, 400V	£83.50
238352	FFR-HEL-H22K-E	DC Link Choke for 22kW inverter, 400V	£86.50
238353	FFR-HEL-H30K-E	DC Link Choke for 30kW inverter, 400V	£106.00
238354	FFR-HEL-H37K-E	DC Link Choke for 37kW inverter, 400V	£144.00
238355	FFR-HEL-H45K-E	DC Link Choke for 45kW inverter, 400V	£160.00
238356	FFR-HEL-H55K-E	DC Link Choke for 55kW inverter, 400V	£182.00

NOTE: 75K to 450K inverters have DC Chokes included as standard

DC Link Choke 200V

238357	FFR-HEL-0.4K-E	DC Link Choke for 0.4kW inverter, 200V	£14.00
238358	FFR-HEL-0.75K-E	DC Link Choke for 0.75kW inverter, 200V	£19.50
238359	FFR-HEL-1.5K-E	DC Link Choke for 1.5kW inverter, 200V	£25.00
238360	FFR-HEL-2.2K-E	DC Link Choke for 2.2kW inverter, 200V	£28.00
238361	FFR-HEL-3.7K-E	DC Link Choke for 3.7kW inverter, 200V	£32.00
238362	FFR-HEL-5.5K-E	DC Link Choke for 5.5kW inverter, 200V	£43.00
238363	FFR-HEL-7.5K-E	DC Link Choke for 7.5kW inverter, 200V	£52.00
238364	FFR-HEL-11K-E	DC Link Choke for 11kW inverter, 200V	£72.00
238365	FFR-HEL-15K-E	DC Link Choke for 15kW inverter, 200V	£86.50
238366	FFR-HEL-18.5K-E	DC Link Choke for 18.5kW inverter, 200V	£101.50
238367	FFR-HEL-22K-E	DC Link Choke for 22kW inverter, 200V	£117.00
238368	FFR-HEL-30K-E	DC Link Choke for 30kW inverter, 200V	£170.00
238369	FFR-HEL-37K-E	DC Link Choke for 37kW inverter, 200V	£188.00
238370	FFR-HEL-45K-E	DC Link Choke for 45kW inverter, 200V	£207.00
238371	FFR-HEL-55K-E	DC Link Choke for 55kW inverter, 200V	£240.00

Passive Harmonic Filter RHF-A THDi <=16% (<=10% with DC choke) (See Data Sheet for Sizing Help)

240698	RHF-A 10-400-50-20-A	Passive Harmonic Filter, 400V 10A THDi <=16% (<=10% with DC choke)	£883.00
240699	RHF-A 14-400-50-20-A	Passive Harmonic Filter, 400V 14A THDi <=16% (<=10% with DC choke)	£1,075.00
240700	RHF-A 22-400-50-20-A	Passive Harmonic Filter, 400V 22A THDi <=16% (<=10% with DC choke)	£1,104.00
240701	RHF-A 29-400-50-20-A	Passive Harmonic Filter, 400V 29A THDi <=16% (<=10% with DC choke)	£1,372.00
240702	RHF-A 35-400-50-20-A	Passive Harmonic Filter, 400V 35A THDi <=16% (<=10% with DC choke)	£1,438.00
240703	RHF-A 43-400-50-20-A	Passive Harmonic Filter, 400V 43A THDi <=16% (<=10% with DC choke)	£1,886.00
240704	RHF-A 58-400-50-20-A	Passive Harmonic Filter, 400V 58A THDi <=16% (<=10% with DC choke)	£2,205.00
240705	RHF-A 72-400-50-20-A	Passive Harmonic Filter, 400V 72A THDi <=16% (<=10% with DC choke)	£2,349.00
240706	RHF-A 86-400-50-20-A	Passive Harmonic Filter, 400V 86A THDi <=16% (<=10% with DC choke)	£2,743.00
240707	RHF-A 101-400-50-20-A	Passive Harmonic Filter, 400V 101A THDi <=16% (<=10% with DC choke)	£2,925.00
240708	RHF-A 144-400-50-20-A	Passive Harmonic Filter, 400V 144A THDi <=16% (<=10% with DC choke)	£3,733.00
240709	RHF-A 180-400-50-20-A	Passive Harmonic Filter, 400V 180A THDi <=16% (<=10% with DC choke)	£4,191.00
240710	RHF-A 217-400-50-20-A	Passive Harmonic Filter, 400V 217A THDi <=16% (<=10% with DC choke)	£4,800.00
240711	RHF-A 252-400-50-20-A	Passive Harmonic Filter, 400V 252A THDi <=16% (<=10% with DC choke)	£5,654.00
240712	RHF-A 304-400-50-20-A	Passive Harmonic Filter, 400V 304A THDi <=16% (<=10% with DC choke)	£6,070.00
240713	RHF-A 325-400-50-20-A	Passive Harmonic Filter, 400V 325A THDi <=16% (<=10% with DC choke)	£6,452.00
240714	RHF-A 380-400-50-20-A	Passive Harmonic Filter, 400V 380A THDi <=16% (<=10% with DC choke)	£7,393.00
240715	RHF-A 433-400-50-20-A	Passive Harmonic Filter, 400V 433A THDi <=16% (<=10% with DC choke)	£8,697.00

Passive Harmonic Filter RHF-B THDi <=10% (<=5% with DC choke) (See Data Sheet for Sizing Help)

240716	RHF-B 10-400-50-20-A	Passive Harmonic Filter, 400V 10A THDi <=10% (<=5% with DC choke)	£1,266.00
--------	----------------------	---	-----------



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
240717	RHF-B 14-400-50-20-A	Passive Harmonic Filter, 400V 14A THDi <=10% (<=5% with DC choke)	£1,406.00
240718	RHF-B 22-400-50-20-A	Passive Harmonic Filter, 400V 22A THDi <=10% (<=5% with DC choke)	£1,499.00
240719	RHF-B 29-400-50-20-A	Passive Harmonic Filter, 400V 29A THDi <=10% (<=5% with DC choke)	£1,828.00
240720	RHF-B 35-400-50-20-A	Passive Harmonic Filter, 400V 35A THDi <=10% (<=5% with DC choke)	£1,956.00
240721	RHF-B 43-400-50-20-A	Passive Harmonic Filter, 400V 43A THDi <=10% (<=5% with DC choke)	£2,257.00
240722	RHF-B 58-400-50-20-A	Passive Harmonic Filter, 400V 58A THDi <=10% (<=5% with DC choke)	£2,921.00
240723	RHF-B 72-400-50-20-A	Passive Harmonic Filter, 400V 72A THDi <=10% (<=5% with DC choke)	£3,172.00
240724	RHF-B 86-400-50-20-A	Passive Harmonic Filter, 400V 86A THDi <=10% (<=5% with DC choke)	£3,850.00
240725	RHF-B 101-400-50-20-A	Passive Harmonic Filter, 400V 101A THDi <=10% (<=5% with DC choke)	£3,992.00
240726	RHF-B 144-400-50-20-A	Passive Harmonic Filter, 400V 144A THDi <=10% (<=5% with DC choke)	£4,688.00
240727	RHF-B 180-400-50-20-A	Passive Harmonic Filter, 400V 180A THDi <=10% (<=5% with DC choke)	£5,901.00
240728	RHF-B 217-400-50-20-A	Passive Harmonic Filter, 400V 217A THDi <=10% (<=5% with DC choke)	£6,448.00
240729	RHF-B 252-400-50-20-A	Passive Harmonic Filter, 400V 252A THDi <=10% (<=5% with DC choke)	£7,131.00
240730	RHF-B 304-400-50-20-A	Passive Harmonic Filter, 400V 304A THDi <=10% (<=5% with DC choke)	£7,766.00
240731	RHF-B 325-400-50-20-A	Passive Harmonic Filter, 400V 325A THDi <=10% (<=5% with DC choke)	£9,179.00
240732	RHF-B 380-400-50-20-A	Passive Harmonic Filter, 400V 380A THDi <=10% (<=5% with DC choke)	£10,168.00
240733	RHF-B 433-400-50-20-A	Passive Harmonic Filter, 400V 433A THDi <=10% (<=5% with DC choke)	£11,628.00

Active Harmonic Filters

224717	AHF 30A 3W IP20	30A Active Harmonic Filter IP20	£13,578.00
217113	AHF 50A 3W IP20	50A Active Harmonic Filter IP20	£16,517.00
266197	AHF 60A 4W IP20	60A Active Harmonic Filter IP20 (4 Wire 3ph & N only)	£18,806.00
218141	AHF 100A 3W IP20	100A Active Harmonic Filter IP20	£23,637.00
266198	AHF 120A 3W IP20	120A Active Harmonic Filter IP20	£24,735.00
220176	AHF 200A 3W IP54	200A Active Harmonic Filter IP54	£46,385.00
227503	AHF 250A 3W IP54	250A Active Harmonic Filter IP54	£51,007.00
224719	AHF 300A 3W IP54	300A Active Harmonic Filter IP54	£55,493.00

NOTE: Current Transformers available upon request. Split core and ring types available

Harmonic Converters - HC2

254415	FR-HC2-H7.5K-KIT	7.5kW Rated HC2 zero harmonic converter and regeneration unit	£3,205.00
254416	FR-HC2-H15K-KIT	15kW Rated HC2 zero harmonic converter and regeneration unit	£3,693.00
254417	FR-HC2-H30K-KIT	30kW Rated HC2 zero harmonic converter and regeneration unit	£5,441.00
254418	FR-HC2-H55K-KIT	55kW Rated HC2 zero harmonic converter and regeneration unit	£9,050.00
254419	FR-HC2-H75K-KIT	75kW Rated HC2 zero harmonic converter and regeneration unit	£13,571.00
254420	FR-HC2-H110K-KIT	110kW Rated HC2 zero harmonic converter and regeneration unit	£18,095.00
254421	FR-HC2-H160K-KIT	160kW Rated HC2 zero harmonic converter and regeneration unit	£20,356.00
254422	FR-HC2-H220K-KIT	220kW Rated HC2 zero harmonic converter and regeneration unit	£23,070.00
254423	FR-HC2-H280K-KIT	280kW Rated HC2 zero harmonic converter and regeneration unit	£24,918.00
254424	FR-HC2-H400K-KIT	400kW Rated HC2 zero harmonic converter and regeneration unit	£61,294.00
254435	FR-HC2-H560K-KIT	560kW Rated HC2 zero harmonic converter and regeneration unit	£93,131.00

Extra Radio Filter Solutions - Suitable for all inverters

14253	FR-BLF	Large ferrite	£191.00
50461	FR-BSF01	Small ferrite	£63.00

MSR - Mitsubishi Smart Relay

Main units

100-240V AC Powered

248132	MSR-UCBT1E47	MSR Main Module 110-240V Power Supply / 24VDV Inputs - No Comm Module Fitted	£202.00
248138	MSR-UCBT2E47	MSR Main Module 110-240V Power Supply / 110VAC Inputs - No Comm Module Fitted	£202.00
248171	MSR-UCPT1E47	MSR Main Module 110-240V Power Supply / 24VDV Inputs - Profibus Module Fitted	£279.00
248110	MSR-UCPT2E47	MSR Main Module 110-240V Power Supply / 110VAC Inputs - Profibus Module Fitted	£279.00
253459	MSR-UCMT1E47	MSR Main Module 110-240V Power Supply / 24VDV Inputs - Modbus Module Fitted	£274.00
253460	MSR-UCMT2E47	MSR Main Module 110-240V Power Supply / 110VAC Inputs - Modbus Module Fitted	£274.00
253461	MSR-UCDT1E47	MSR Main Module 110-240V Power Supply / 24VDV Inputs - Device Net Module Fitted	£236.00
253462	MSR-UCDT2E47	MSR Main Module 110-240V Power Supply / 110VAC Inputs - Device Net Module Fitted	£236.00

24V DC Powered

248137	MSR-UCBT1E26	MSR Main Module 24VDC Power Supply / 24VDV Inputs - No Comm Module Fitted	£241.00
253463	MSR-UCBT2E26	MSR Main Module 24VDC Power Supply / 110VAC Inputs - No Comm Module Fitted	£241.00
253464	MSR-UCPT1E26	MSR Main Module 24VDC Power Supply / 24VDV Inputs - Profibus Module Fitted	£318.00
253505	MSR-UCPT2E26	MSR Main Module 24VDC Power Supply / 110VAC Inputs - Profibus Module Fitted	£318.00
253506	MSR-UCMT1E26	MSR Main Module 24VDC Power Supply / 24VDV Inputs - Modbus Module Fitted	£313.00
253507	MSR-UCMT2E26	MSR Main Module 24VDC Power Supply / 110VAC Inputs - Modbus Module Fitted	£313.00
253508	MSR-UCDT1E26	MSR Main Module 24VDC Power Supply / 24VDV Inputs - Device Net Module Fitted	£275.00
253509	MSR-UCDT2E26	MSR Main Module 24VDC Power Supply / 110VAC Inputs - Device Net Module Fitted	£275.00

Accessories

248111	MSR-UMC1	Current Transformer 0.5 - 5A	£61.50
248172	MSR-UMC2	Current Transformer 1.25 - 12.5A	£63.00
248112	MSR-UMC3	Current Transformer 2.5 - 25A	£65.00
248113	MSR-UMC4	Current Transformer 12.5 - 125A	£80.00
248114	MSR-UMC5	Current Transformer 42 - 420A	£154.00
248115	MSR-UMC6	Current Transformer 84 - 840A	£245.00
254658	MSR-UMCT1	Combined Voltage & Current Transformer 0.5 - 5A	£147.00
254659	MSR-UMCT2	Combined Voltage & Current Transformer 1.25 - 12.5A	£154.00
254660	MSR-UMCT3	Combined Voltage & Current Transformer 2.5 - 25A	£156.00
255402	MSR-UMCT4	Combined Voltage & Current Transformer 12.5 - 125A	£164.00
255405	MSR-UMCT5	Combined Voltage & Current Transformer 42 - 420A	£266.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
255406	MSR-UMCT6	Combined Voltage & Current Transformer 84 - 840A	£327.00
248121	MSR-HMI	HMI - Vertical	£109.00
253510	MSR-HMI2	HMI - Horizontal	£171.00
248116	MSR-CB0	Connection Cable From Main MSR Module to Current Transformer 60mm	£5.50
248117	MSR-CB1	Connection Cable From Main MSR Module to Current Transformer 120mm	£5.50
248118	MSR-CB2	Connection Cable From Main MSR Module to Current Transformer 500mm	£6.50
248133	MSR-CB3	Connection Cable From Main MSR Module to Current Transformer 2000mm	£7.50
248119	MSR-CB4	Connection Cable From Main MSR Module to Current Transformer 1000mm	£7.50
248134	MSR-CH1	Connection Cable From Main MSR Module to HMI 500mm	£11.50
248122	MSR-CH2	Connection Cable From Main MSR Module to HMI 1000mm	£13.50
248123	MSR-CH3	Connection Cable From Main MSR Module to HMI 1500mm	£13.50
253511	MSR-CH4	Connection Cable From Main MSR Module to HMI 2000mm	£16.50
253512	MSR-MCD	Device Net Communication Module	£34.00
248135	MSR-MCM	Modbus Communication Module	£72.00
248136	MSR-MCP	Profibus Communication Module	£77.00
253513	MSR-EDU1	I/O Expansion Unit 24VDC Inputs - 6 Inputs / 4 Outputs	£118.00
248120	MSR-EDU2	I/O Expansion Unit 110VAC Inputs - 6 Inputs / 4 Outputs	£118.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

J3 SERIES SERVO PRODUCTS

J3 Series Servo Amplifiers

MR-J3-A - Standard Type High Performance Servo Amplifiers (100V Range)

161482	MR-J3-10A1	100W Servo amplifier (digital or analogue control) (100V single-phase)	£533.00
161483	MR-J3-20A1	200W Servo amplifier (digital or analogue control) (100V single-phase)	£574.00
161484	MR-J3-40A1	400W Servo amplifier (digital or analogue control) (100V single-phase)	£590.00

MR-J3-A - Standard Type High Performance Servo Amplifiers (200V Range)

160210	MR-J3-10A	100W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£533.00
161485	MR-J3-20A	200W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£574.00
161486	MR-J3-40A	400W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£590.00
161487	MR-J3-60A	600W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£617.00
161488	MR-J3-70A	750W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£645.00
161489	MR-J3-100A	1kW Servo amplifier (digital or analogue control) (200V 3-phase)	£941.00
161490	MR-J3-200A	2kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,045.00
161491	MR-J3-350A	3.5kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,119.00
161492	MR-J3-500A	5kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,507.00
161493	MR-J3-700A	7kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,811.00

MR-J3-A4 - Standard Type Servo Amplifiers (400V range)

205081	MR-J3-60A4	600W Servo amplifier (digital or analogue control) (400V 3-phase)	£617.00
205082	MR-J3-100A4	1kW Servo amplifier (digital or analogue control) (400V 3-phase)	£941.00
205083	MR-J3-200A4	2kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,045.00
205084	MR-J3-350A4	3.5kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,119.00
205085	MR-J3-500A4	5kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,507.00
205086	MR-J3-700A4	7kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,811.00
210572	MR-J3-11KA4	11kW Servo amplifier (digital or analogue control) (400V 3-phase)	£4,976.00
210573	MR-J3-15KA4	15kW Servo amplifier (digital or analogue control) (400V 3-phase)	£5,446.00
210574	MR-J3-22KA4	22kW Servo amplifier (digital or analogue control) (400V 3-phase)	£5,805.00

MR-J3-B - SSCNET III Bus Servo Amplifiers (48V DC Range)

260397	MR-J3W-0303BN6	2 Axes upto 30W Servo amplifier (SSCNET III bus control) (48V DC)	£500.00
260394	HG-AK0136	Low-inertia 10W Servo motor (0.032Nm continuous, 0.095Nm peak)	£475.00
260395	HG-AK0236	Low-inertia 20W Servo motor (0.064Nm continuous, 0.191Nm peak)	£485.00
260396	HG-AK0336	Low-inertia 30W Servo motor (0.095Nm continuous, 0.286Nm peak)	£495.00
260398	MR-J3W03ENCBL1M-A-H	Encoder cable; for HG-AK, high-flexible, 1m	£53.62
260399	MR-J3W03ENCBL2M-A-H	Encoder cable; for HG-AK, high-flexible, 2m	£67.73
260400	MR-J3W03ENCBL5M-A-H	Encoder cable; for HG-AK, high-flexible, 5m	£90.82
260401	MR-J3W03ENCBL10M-A-H	Encoder cable; for HG-AK, high-flexible, 10m	£158.59
260402	MR-J3W03ENCBL20M-A-H	Encoder cable; for HG-AK, high-flexible, 20m	£200.28
260403	MR-J3W03ENCBL30M-A-H	Encoder cable; for HG-AK, high-flexible, 30m	£265.03
260405	MR-J3W03PWCBL1M-A-H	Power cable; for HG-AK, high-flexible, 1m	£40.20
260406	MR-J3W03PWCBL2M-A-H	Power cable; for HG-AK, high-flexible, 2m	£60.31
260407	MR-J3W03PWCBL5M-A-H	Power cable; for HG-AK, high-flexible, 5m	£88.58
260408	MR-J3W03PWCBL10M-A-H	Power cable; for HG-AK, high-flexible, 10m	£167.52
260409	MR-J3W03PWCBL20M-A-H	Power cable; for HG-AK, high-flexible, 20m	£267.26
260410	MR-J3W03PWCBL30M-A-H	Power cable; for HG-AK, high-flexible, 30m	£372.24

MR-J3-B - SSCNET III Bus Servo Amplifiers (100V Range)

161494	MR-J3-10B1	100W Servo amplifier (SSCNET III bus control) (100V single-phase)	£523.00
161495	MR-J3-20B1	200W Servo amplifier (SSCNET III bus control) (100V single-phase)	£564.00
161496	MR-J3-40B1	400W Servo amplifier (SSCNET III bus control) (100V single-phase)	£578.00

MR-J3-B Safety - SSCNET III Bus Servo Amplifiers with safety and Closed loop (200V Range)

229316	MR-J3-10BS	100W Servo amplifier (SSCNET III bus control) (200V single-phase or 3-phase)	£523.00
--------	------------	--	---------



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
229317	MR-J3-20BS	200W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£564.00
229318	MR-J3-40BS	400W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£578.00
229319	MR-J3-60BS	600W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£605.00
227373	MR-J3-70BS	750W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£633.00
227374	MR-J3-100BS	1kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£924.00
227485	MR-J3-200BS	2kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,025.00
229320	MR-J3-350BS	3.5kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,098.00
229321	MR-J3-500BS	5kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,479.00
229322	MR-J3-700BS	7kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,775.00

NOTE: When used with MR-J3-D05 conforms to EN 61800-5-2 and EN IEC 60204-1

MR-J3-B4 Safety - SSCNET Bus Servo Amplifiers with safety and Closed loop (400V range)

229328	MR-J3-60BS4	600W Servo amplifier (SSCNET III bus control) (400V 3-phase)	£605.00
229329	MR-J3-100BS4	1kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£924.00
229330	MR-J3-200BS4	2kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,025.00
229331	MR-J3-350BS4	3.5kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,098.00
229332	MR-J3-500BS4	5kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,479.00
229333	MR-J3-700BS4	7kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,775.00
229334	MR-J3-11KBS4	11kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£4,977.00
229335	MR-J3-15KBS4	15kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£5,305.00
229336	MR-J3-22KBS4	22kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£6,236.00

NOTE: When used with MR-J3-D05 conforms to EN 61800-5-2 and EN IEC 60204-1

MR-J3 Safety Options

227486	MR-J3-D05	Safety Logic Unit for MR-J3-Bsafety Amplifier	£275.00
227983	MR-D05UDL03M	STO cable for MR-J3-D05 0.3M	£33.00
227984	MR-D05UDL1M	STO cable for MR-J3-D05 1M	£53.50
227985	MR-D05UDL3M	STO cable for MR-J3-D05 3M	£53.50
227986	MR-D05UDL3M-B	STO cable with open ends for MR-J3BSafety 3M	£48.00

MR-J3-T - CC-Link Type Servo Amplifiers (200V Range)

190647	MR-J3-10T	100W Servo amplifier (CC-Link) (200V single-phase or 3-phase)	£663.00
190648	MR-J3-20T	200W Servo amplifier (CC-Link) (200V single-phase or 3-phase)	£701.00
190649	MR-J3-40T	400W Servo amplifier (CC-Link) (200V single-phase or 3-phase)	£706.00
190650	MR-J3-60T	600W Servo amplifier (CC-Link) (200V single-phase or 3-phase)	£718.00
190651	MR-J3-70T	750W Servo amplifier (CC-Link) (200V single-phase or 3-phase)	£731.00
190652	MR-J3-100T	1kW Servo amplifier (CC-Link) (200V 3-phase)	£1,326.00
190653	MR-J3-200T	2kW Servo amplifier (CC-Link) (200V 3-phase)	£1,478.00
190654	MR-J3-350T	3.5kW Servo amplifier (CC-Link) (200V 3-phase)	£1,583.00
190655	MR-J3-500T	5kW Servo amplifier (CC-Link) (200V 3-phase)	£2,031.00
190656	MR-J3-700T	7kW Servo amplifier (CC-Link) (200V 3-phase)	£2,419.00
190657	MR-J3-D01	MR-J3-T extension I/O unit module	£253.00

MR-J3-T4 - CC-Link Type Servo Amplifiers (400V Range)

212524	MR-J3-60T4	600W Servo amplifier (CC-Link) (400V 3-phase)	£718.00
212525	MR-J3-100T4	1kW Servo amplifier (CC-Link) (400V 3-phase)	£1,326.00
212526	MR-J3-200T4	2kW Servo amplifier (CC-Link) (400V 3-phase)	£1,478.00
212527	MR-J3-350T4	3.5kW Servo amplifier (CC-Link) (400V 3-phase)	£1,583.00
212528	MR-J3-500T4	5kW Servo amplifier (CC-Link) (400V 3-phase)	£2,031.00
212529	MR-J3-700T4	7kW Servo amplifier (CC-Link) (400V 3-phase)	£2,419.00

MR-J3-A-Ethercat Type Servo Amplifiers (200V Range)

247015	MR-J3-10A-EtherCAT	100W Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,066.00
247016	MR-J3-20A-EtherCAT	200W Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,107.00
247017	MR-J3-40A-EtherCAT	400W Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,118.00
247018	MR-J3-60A-EtherCAT	600W Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,143.00
247019	MR-J3-70A-EtherCAT	700W Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,148.00
247020	MR-J3-100A-EtherCAT	1kW Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,420.00
247021	MR-J3-200A-EtherCAT	2kW Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,507.00
247022	MR-J3-350A-EtherCAT	3.5kW Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,599.00
247023	MR-J3-500A-EtherCAT	5kW Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£1,989.00
247024	MR-J3-700A-EtherCAT	7kW Servo amplifier & MR-J3-T4 (Ethercat) (200V single-phase or 3-phase)	£2,276.00

MR-J3-A4-Ethercat Type Servo Amplifiers (400V Range)

247035	MR-J3-60A4-EtherCAT	600W Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£1,087.00
247036	MR-J3-100A4-EtherCAT	1kW Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£1,441.00
247037	MR-J3-200A4-EtherCAT	2kW Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£1,543.00
247038	MR-J3-350A4-EtherCAT	3.5kW Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£1,574.00
247039	MR-J3-500A4-EtherCAT	5kW Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£1,943.00
247040	MR-J3-700A4-EtherCAT	7kW Servo amplifier & MR-J3-T4 (Ethercat) (400V 3-phase)	£2,184.00

HF-KP, low inertia, small capacity motors, 3000rpm, IP65 (200V series motors)

161507	HF-KP053	Low-inertia 50W Servo motor (0.16Nm continuous, 0.48Nm peak)	£314.00
160211	HF-KP13	Low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£332.00
161508	HF-KP23	Low-inertia 200W Servo motor (0.64Nm continuous, 1.9Nm peak)	£410.00
161509	HF-KP43	Low-inertia 400W Servo motor (1.3Nm continuous, 3.8Nm peak)	£485.00
161510	HF-KP73	Low-inertia 750W Servo motor (2.4Nm continuous, 7.2Nm peak)	£580.00

HF-KP, low inertia, small capacity motors, 3000rpm with brake, IP65 (200V series motors)

160213	HF-KP053B	Low-inertia 50W Servo motor with brake (0.16Nm continuous, 0.48Nm peak)	£442.00
161511	HF-KP13B	Low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£456.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
161512	HF-KP23B	Low-inertia 200W Servo motor with brake (0.64Nm continuous, 1.9Nm peak)	£530.00
161513	HF-KP43B	Low-inertia 400W Servo motor with brake (1.3Nm continuous, 3.8Nm peak)	£645.00
161514	HF-KP73B	Low-inertia 750W Servo motor with brake (2.4Nm continuous, 7.2Nm peak)	£773.00
HF-MP, ultra low inertia, small capacity motors, 3000rpm, IP65 (200V series motors)			
161515	HF-MP053	Ultra low-inertia 50W Servo motor (0.16Nm continuous, 0.48Nm peak)	£314.00
161516	HF-MP13	Ultra low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£332.00
161517	HF-MP23	Ultra low-inertia 200W Servo motor (0.64Nm continuous, 1.9Nm peak)	£410.00
161518	HF-MP43	Ultra low-inertia 400W Servo motor (1.3Nm continuous, 3.8Nm peak)	£485.00
161519	HF-MP73	Ultra low-inertia 750W Servo motor (2.4Nm continuous, 7.2Nm peak)	£580.00
HF-MP, ultra low inertia, small capacity motors, 3000rpm with brake, IP65 (200V series motors)			
161520	HF-MP053B	Ultra low-inertia 50W Servo motor with brake (0.16Nm continuous, 0.48Nm peak)	£441.00
161521	HF-MP13B	Ultra low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£456.00
161522	HF-MP23B	Ultra low-inertia 200W Servo motor with brake (0.64Nm continuous, 1.9Nm peak)	£530.00
161523	HF-MP43B	Ultra low-inertia 400W Servo motor with brake (1.3Nm continuous, 3.8Nm peak)	£645.00
161524	HF-MP73B	Ultra low-inertia 750W Servo motor with brake (2.4Nm continuous, 7.2Nm peak)	£773.00
HF-SP, medium inertia, medium capacity motors, 2000rpm, IP67 (200V series motors)			
161525	HF-SP52	Medium-inertia 500W Servo motor (2.39Nm continuous, 7.16Nm peak)	£555.00
161526	HF-SP102	Medium-inertia 1kW Servo motor (4.78Nm continuous, 14.4Nm peak)	£674.00
161527	HF-SP152	Medium-inertia 1.5kW Servo motor (7.16Nm continuous, 21.5Nm peak)	£831.00
161528	HF-SP202	Medium-inertia 2kW Servo motor (9.55Nm continuous, 28.6Nm peak)	£952.00
161529	HF-SP352	Medium-inertia 3.5kW Servo motor (16.7Nm continuous, 50.1Nm peak)	£1,176.00
161530	HF-SP502	Medium-inertia 5kW Servo motor (23.9Nm continuous, 71.6Nm peak)	£1,611.00
161531	HF-SP702	Medium-inertia 7kW Servo motor (33.4Nm continuous, 100Nm peak)	£1,955.00
HF-SP, medium inertia, medium capacity motors, 2000rpm with brake, IP67 (200V series motors)			
161532	HF-SP52B	Medium-inertia 500W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£831.00
161533	HF-SP102B	Medium-inertia 1kW Servo motor with brake (4.78Nm continuous, 14.4Nm peak)	£893.00
161534	HF-SP152B	Medium-inertia 1.5kW Servo motor with brake (7.16Nm continuous, 21.5Nm peak)	£1,107.00
161535	HF-SP202B	Medium-inertia 2kW Servo motor with brake (9.55Nm continuous, 28.6Nm peak)	£1,300.00
161536	HF-SP352B	Medium-inertia 3.5kW Servo motor with brake (16.7Nm continuous, 50.1Nm peak)	£1,482.00
161537	HF-SP502B	Medium-inertia 5kW Servo motor with brake (23.9Nm continuous, 71.6Nm peak)	£1,919.00
161538	HF-SP702B	Medium-inertia 7kW Servo motor with brake (33.4Nm continuous, 100Nm peak)	£2,142.00
HF-SP, medium inertia, medium capacity motors, 2000rpm, IP67 (400V series motors)			
192042	HF-SP524	Medium-inertia 500W Servo motor (2.39Nm continuous, 7.16Nm peak)	£570.00
192043	HF-SP1024	Medium-inertia 1kW Servo motor (4.78Nm continuous, 14.4Nm peak)	£691.00
192054	HF-SP1524	Medium-inertia 1.5kW Servo motor (7.16Nm continuous, 21.5Nm peak)	£854.00
192055	HF-SP2024	Medium-inertia 2kW Servo motor (9.55Nm continuous, 28.6Nm peak)	£973.00
192056	HF-SP3524	Medium-inertia 3.5kW Servo motor (16.7Nm continuous, 50.1Nm peak)	£1,232.00
192057	HF-SP5024	Medium-inertia 5kW Servo motor (23.9Nm continuous, 71.6Nm peak)	£1,672.00
192058	HF-SP7024	Medium-inertia 7kW Servo motor (33.4Nm continuous, 100Nm peak)	£2,134.00
HF-SP, medium inertia, medium capacity motors, 2000rpm with brake, IP67 (400V series motors)			
200975	HF-SP524B	Medium-inertia 500W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£854.00
200976	HF-SP1024B	Medium-inertia 1kW Servo motor with brake (4.78Nm continuous, 14.4Nm peak)	£973.00
200977	HF-SP1524B	Medium-inertia 1.5kW Servo motor with brake (7.16Nm continuous, 21.5Nm peak)	£1,137.00
200978	HF-SP2024B	Medium-inertia 2kW Servo motor with brake (9.55Nm continuous, 28.6Nm peak)	£1,299.00
200979	HF-SP3524B	Medium-inertia 3.5kW Servo motor with brake (16.7Nm continuous, 50.1Nm peak)	£1,528.00
200980	HF-SP5024B	Medium-inertia 5kW Servo motor with brake (23.9Nm continuous, 71.6Nm peak)	£2,185.00
200981	HF-SP7024B	Medium-inertia 7kW Servo motor with brake (33.4Nm continuous, 100Nm peak)	£2,435.00
HF-SP, medium inertia, medium capacity motors, 1000rpm, IP67 (200V series motors)			
161539	HF-SP51	Medium-inertia 500W Servo motor (4.77Nm continuous, 14.3Nm peak)	£802.00
161540	HF-SP81	Medium-inertia 800W Servo motor (8.12Nm continuous, 24.4Nm peak)	£982.00
161541	HF-SP121	Medium-inertia 1.2kW Servo motor (11.5Nm continuous, 34.4Nm peak)	£1,100.00
161542	HF-SP201	Medium-inertia 2kW Servo motor (19.1Nm continuous, 57.3Nm peak)	£1,415.00
HF-SP, medium inertia, medium capacity motors, 1000rpm with brake, IP67 (200V series motors)			
161543	HF-SP51B	Medium-inertia 500W Servo motor with brake (4.77Nm continuous, 14.3Nm peak)	£1,073.00
161544	HF-SP81B	Medium-inertia 800W Servo motor with brake (8.12Nm continuous, 24.4Nm peak)	£1,257.00
161545	HF-SP121B	Medium-inertia 1.2kW Servo motor with brake (11.5Nm continuous, 34.4Nm peak)	£1,415.00
161546	HF-SP201B	Medium-inertia 2kW Servo motor with brake (19.1Nm continuous, 57.3Nm peak)	£1,719.00
HC-RP, low inertia, medium capacity motors, 3000rpm, IP67 (200V series motors)			
168667	HC-RP103	Low-inertia 1kW Servo motor (3.18Nm continuous, 7.95Nm peak)	£740.00
168668	HC-RP153	Low-inertia 1.5kW Servo motor (4.78Nm continuous, 11.9Nm peak)	£856.00
168669	HC-RP203	Low-inertia 2kW Servo motor (6.37Nm continuous, 15.9Nm peak)	£940.00
168670	HC-RP353	Low-inertia 3.5kW Servo motor (11.1Nm continuous, 27.9Nm peak)	£1,314.00
168671	HC-RP503	Low-inertia 5kW Servo motor (15.9Nm continuous, 39.7Nm peak)	£1,694.00
HC-RP, low inertia, medium capacity motors, 3000rpm with brake, IP65 (200V series motors)			
168644	HC-RP103B	Low-inertia 1kW Servo motor with brake (3.18Nm continuous, 7.95Nm peak)	£1,122.00
168645	HC-RP153B	Low-inertia 1.5kW Servo motor with brake (4.78Nm continuous, 11.9Nm peak)	£1,284.00
168664	HC-RP203B	Low-inertia 2kW Servo motor with brake (6.37Nm continuous, 15.9Nm peak)	£1,507.00
168665	HC-RP353B	Low-inertia 3.5kW Servo motor with brake (11.1Nm continuous, 27.9Nm peak)	£1,721.00
168666	HC-RP503B	Low-inertia 5kW Servo motor with brake (15.9Nm continuous, 39.7Nm peak)	£1,988.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
HF-JP, low inertia, medium capacity motors, 3000rpm, IP67 (400V series motors)			
227015	HF-JP534	Low-inertia 500W Servo motor (1.59Nm continuous, 4.77Nm peak)	£815.00
227016	HF-JP734	Low-inertia 700W Servo motor (2.39Nm continuous, 7.16Nm peak)	£906.00
227017	HF-JP1034	Low-inertia 1kW Servo motor (3.18Nm continuous, 9.55Nm peak)	£992.00
227018	HF-JP1534	Low-inertia 1.5kW Servo motor (4.77Nm continuous, 14.3Nm peak)	£1,228.00
227019	HF-JP2034	Low-inertia 2kW Servo motor (6.37Nm continuous, 19.1Nm peak)	£1,404.00
227020	HF-JP3534	Low-inertia 3.5kW Servo motor (10.5Nm continuous, 32.0Nm peak)	£1,749.00
227021	HF-JP5034	Low-inertia 5kW Servo motor (15.9Nm continuous, 47.7Nm peak)	£2,698.00
242230	HF-JP7034	Low-inertia 7kW Servo motor (22.3Nm continuous, 66.8Nm peak)	£3,016.00
242231	HF-JP9034	Low-inertia 9kW Servo motor (28.6Nm continuous, 85.8Nm peak)	£3,921.00
HF-JP, low inertia, medium capacity motors, 3000rpm with brake, IP65 (400V series motors)			
227022	HF-JP534B	Low-inertia 500W Servo motor with brake (1.59Nm continuous, 4.77Nm peak)	£1,228.00
227023	HF-JP734B	Low-inertia 700W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£1,319.00
227024	HF-JP1034B	Low-inertia 1kW Servo motor with brake (3.18Nm continuous, 9.55Nm peak)	£1,404.00
227025	HF-JP1534B	Low-inertia 1.5kW Servo motor with brake (4.77Nm continuous, 14.3Nm peak)	£1,629.00
227026	HF-JP2034B	Low-inertia 2kW Servo motor with brake (6.37Nm continuous, 19.1Nm peak)	£1,882.00
227027	HF-JP3534B	Low-inertia 3.5kW Servo motor with brake (10.5Nm continuous, 32.0Nm peak)	£2,195.00
227028	HF-JP5034B	Low-inertia 5kW Servo motor with brake (15.9Nm continuous, 47.7Nm peak)	£3,133.00
242232	HF-JP7034B	Low-inertia 7kW Servo motor with brake (22.3Nm continuous, 66.8Nm peak)	£3,500.00
242233	HF-JP9034B	Low-inertia 9kW Servo motor with brake (28.6Nm continuous, 85.8Nm peak)	£4,544.00
HF-KP**J, low inertia, small capacity motors, 3000rpm, IP67 (200V series motors with oil seal)			
166166	HF-KP13J	Low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£448.00
166167	HF-KP23J	Low-inertia 200W Servo motor (0.64Nm continuous, 1.9Nm peak)	£525.00
190205	HF-KP43J	Low-inertia 400W Servo motor (1.3Nm continuous, 3.8Nm peak)	£598.00
166169	HF-KP73J	Low-inertia 750W Servo motor (2.4Nm continuous, 7.2Nm peak)	£694.00
HF-KP**J, low inertia, small capacity motors, 3000rpm with brake, IP67 (200V series motors with oil seal)			
166171	HF-KP13BJ	Low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£554.00
166172	HF-KP23BJ	Low-inertia 200W Servo motor with brake (0.64Nm continuous, 1.9Nm peak)	£627.00
194805	HF-KP43BJ	Low-inertia 400W Servo motor with brake (1.3Nm continuous, 3.8Nm peak)	£746.00
166174	HF-KP73BJ	Low-inertia 750W Servo motor with brake (2.4Nm continuous, 7.2Nm peak)	£877.00
HA-LP, medium inertia, large capacity motors, 2000rpm, IP44 (400V series motors)			
200982	HA-LP11K24	Large-inertia 11kW Servo motor (52.5Nm continuous, 158Nm peak)	£3,434.00
200983	HA-LP15K24	Large-inertia 15kW Servo motor (71.6Nm continuous, 215Nm peak)	£3,893.00
200984	HA-LP22K24	Large-inertia 22kW Servo motor (105Nm continuous, 263Nm peak)	£4,210.00
HA-LP, medium inertia, large capacity motors, 2000rpm with brake, IP44 (400V series motors)			
200985	HA-LP11K24B	Large-inertia 11kW Servo motor with brake (52.5Nm continuous, 158Nm peak)	£5,138.00
200986	HA-LP15K24B	Large-inertia 15kW Servo motor with brake (71.6Nm continuous, 215Nm peak)	£5,886.00
200987	HA-LP22K24B	Large-inertia 22kW Servo motor with brake (105Nm continuous, 263Nm peak)	£6,056.00

NOTE: Larger capacity MR-J3 Servo Amplifiers and Motors are available please ask for prices and sizes.

J4 SERIES SERVO PRODUCTS

J4 Series Servo Amplifiers

MR-J4-A - Standard Type High Performance Servo Amplifiers (200V Range)

248600	MR-J4-10A	100W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£533.00
248601	MR-J4-20A	200W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£574.00
248602	MR-J4-40A	400W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£590.00
248628	MR-J4-60A	600W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£617.00
248629	MR-J4-70A	750W Servo amplifier (digital or analogue control) (200V 1-phase or 3-phase)	£645.00
248630	MR-J4-100A	1kW Servo amplifier (digital or analogue control) (200V 3-phase)	£941.00
248631	MR-J4-200A	2kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,045.00
248632	MR-J4-350A	3.5kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,119.00
248633	MR-J4-500A	5kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,507.00
248634	MR-J4-700A	7kW Servo amplifier (digital or analogue control) (200V 3-phase)	£1,811.00

MR-J4-A4 - Standard Type Servo Amplifiers (400V range)

261367	MR-J4-60A4	600W Servo amplifier (digital or analogue control) (400V 3-phase)	£617.00
261368	MR-J4-100A4	1kW Servo amplifier (digital or analogue control) (400V 3-phase)	£941.00
261369	MR-J4-200A4	2kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,045.00
261370	MR-J4-350A4	3.5kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,119.00
261371	MR-J4-500A4	5kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,507.00
261372	MR-J4-700A4	7kW Servo amplifier (digital or analogue control) (400V 3-phase)	£1,811.00
261425	MR-J4-11KA4	11kW Servo amplifier (digital or analogue control) (400V 3-phase)	£4,976.00
261426	MR-J4-15KA4	15kW Servo amplifier (digital or analogue control) (400V 3-phase)	£5,446.00
261427	MR-J4-22KA4	22kW Servo amplifier (digital or analogue control) (400V 3-phase)	£5,805.00

MR-J4-B - SSCNET IIIH Bus Servo Amplifiers with safety and Closed loop (200V Range)

248635	MR-J4-10B	100W Servo amplifier (SSCNET III bus control) (200V single-phase or 3-phase)	£523.00
248636	MR-J4-20B	200W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£564.00
248637	MR-J4-40B	400W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£578.00
248638	MR-J4-60B	600W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£605.00
248639	MR-J4-70B	750W Servo amplifier (SSCNET III bus control) (200V 1-phase or 3-phase)	£633.00
248640	MR-J4-100B	1kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£924.00
248641	MR-J4-200B	2kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,025.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
248642	MR-J4-350B	3.5kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,098.00
248643	MR-J4-500B	5kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,479.00
248644	MR-J4-700B	7kW Servo amplifier (SSCNET III bus control) (200V 3-phase)	£1,775.00

NOTE: When used with MR-J3-D05 conforms to EN 61800-5-2 and EN IEC 60204-1

MR-J4-B4 - SSCNET IIIB Bus Servo Amplifiers with safety and Closed loop (400V range)

261373	MR-J4-60B4	600W Servo amplifier (SSCNET III bus control) (400V 3-phase)	£605.00
261374	MR-J4-100B4	1kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£924.00
261415	MR-J4-200B4	2kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,025.00
261416	MR-J4-350B4	3.5kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,098.00
261417	MR-J4-500B4	5kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,479.00
261418	MR-J4-700B4	7kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£1,775.00
261428	MR-J4-11KB4	11kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£4,977.00
261429	MR-J4-15KB4	15kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£5,305.00
261430	MR-J4-22KB4	22kW Servo amplifier (SSCNET III bus control) (400V 3-phase)	£6,236.00

NOTE: When used with MR-J3-D05 conforms to EN 61800-5-2 and EN IEC 60204-1

MR-J4 Energy Saving Amplifiers 200V

248645	MR-J4W2-22B	2 x 200W Servo amplifiers with common DC bus (SSCNET III bus control) (200V 1-phase or 3-phase)	£1,005.00
248646	MR-J4W2-44B	2 x 400W Servo amplifiers with common DC bus (SSCNET III bus control) (200V 1-phase or 3-phase)	£1,107.00
248647	MR-J4W2-77B	2 x 700W Servo amplifiers with common DC bus (200V, 1-phase up to 1.5kW or 3-phase)	£1,210.00
248648	MR-J4W2-1010B	2 x 1kW Servo amplifiers with common DC bus (1-ph up to 1.5kW out, or 200V 3-ph up to 2kW out)	£2,112.00
248649	MR-J4W3-222B	3 x 200W Servo amplifiers with common DC bus (200V 1-phase up to 1.5kW or 3-phase)	£1,435.00
248650	MR-J4W3-444B	3 x 400W Servo amplifiers with common DC bus (200V 1-phase or 3-phase)	£1,487.00

MR-J4 Safety Options

227486	MR-J3-D05	Safety Logic Unit for MR-J3-Bsafety Amplifier	£275.00
227983	MR-D05UDL03M	STO cable for MR-J3-D05 0.3M	£33.00
227984	MR-D05UDL1M	STO cable for MR-J3-D05 1M	£53.50
227985	MR-D05UDL3M	STO cable for MR-J3-D05 3M	£53.50
227986	MR-D05UDL3M-B	STO cable with open ends for MR-J3BSafety 3M	£48.00

J4 Series Servo Motors

HG-KR, low inertia, small capacity motors, 3000rpm, IP65 (200V series motors)

248651	HG-KR053	Low-inertia 50W Servo motor (0.16Nm continuous, 0.48Nm peak)	£314.00
248652	HG-KR13	Low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£332.00
248653	HG-KR23	Low-inertia 200W Servo motor (0.64Nm continuous, 1.9Nm peak)	£410.00
248654	HG-KR43	Low-inertia 400W Servo motor (1.3Nm continuous, 3.8Nm peak)	£485.00
248655	HG-KR73	Low-inertia 750W Servo motor (2.4Nm continuous, 7.2Nm peak)	£580.00

HG-KR, low inertia, small capacity motors, 3000rpm with brake, IP65 (200V series motors)

248656	HG-KR053B	Low-inertia 50W Servo motor with brake (0.16Nm continuous, 0.48Nm peak)	£442.00
248657	HG-KR13B	Low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£456.00
248658	HG-KR23B	Low-inertia 200W Servo motor with brake (0.64Nm continuous, 1.9Nm peak)	£530.00
248659	HG-KR43B	Low-inertia 400W Servo motor with brake (1.3Nm continuous, 3.8Nm peak)	£645.00
248660	HG-KR73B	Low-inertia 750W Servo motor with brake (2.4Nm continuous, 7.2Nm peak)	£773.00

HG-MR, ultra low- inertia, small capacity motors, 3000rpm, IP65 (200V series motors)

248661	HG-MR053	Ultra low-inertia 50W Servo motor (0.16Nm continuous, 0.48Nm peak)	£314.00
248662	HG-MR13	Ultra low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£332.00
248663	HG-MR23	Ultra low-inertia 200W Servo motor (0.64Nm continuous, 1.9Nm peak)	£410.00
248664	HG-MR43	Ultra low-inertia 400W Servo motor (1.3Nm continuous, 3.8Nm peak)	£485.00
248665	HG-MR73	Ultra low-inertia 750W Servo motor (2.4Nm continuous, 7.2Nm peak)	£580.00

HG-MR, ultra low- inertia, small capacity motors, 3000rpm with brake, IP65 (200V series motors)

248666	HG-MR053B	Ultra low-inertia 50W Servo motor with brake (0.16Nm continuous, 0.48Nm peak)	£441.00
248667	HG-MR13B	Ultra low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£456.00
248668	HG-MR23B	Ultra low-inertia 200W Servo motor with brake (0.64Nm continuous, 1.9Nm peak)	£530.00
248669	HG-MR43B	Ultra low-inertia 400W Servo motor with brake (1.3Nm continuous, 3.8Nm peak)	£645.00
248670	HG-MR73B	Ultra low-inertia 750W Servo motor with brake (2.4Nm continuous, 7.2Nm peak)	£773.00

HG-SR, medium inertia, medium capacity motors, 2000rpm, IP67 (200V series motors)

248671	HG-SR52	Medium-inertia 500W Servo motor (2.39Nm continuous, 7.16Nm peak)	£555.00
248672	HG-SR102	Medium-inertia 1kW Servo motor (4.78Nm continuous, 14.4Nm peak)	£674.00
248673	HG-SR152	Medium-inertia 1.5kW Servo motor (7.16Nm continuous, 21.5Nm peak)	£831.00
248674	HG-SR202	Medium-inertia 2kW Servo motor (9.55Nm continuous, 28.6Nm peak)	£952.00
248675	HG-SR352	Medium-inertia 3.5kW Servo motor (16.7Nm continuous, 50.1Nm peak)	£1,176.00
248676	HG-SR502	Medium-inertia 5kW Servo motor (23.9Nm continuous, 71.6Nm peak)	£1,611.00
248677	HG-SR702	Medium-inertia 7kW Servo motor (33.4Nm continuous, 100Nm peak)	£1,955.00

HG-SR, medium inertia, medium capacity motors, 2000rpm with brake, IP67 (200V series motors)

248678	HG-SR52B	Medium-inertia 500W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£831.00
248679	HG-SR102B	Medium-inertia 1kW Servo motor with brake (4.78Nm continuous, 14.4Nm peak)	£893.00
248680	HG-SR152B	Medium-inertia 1.5kW Servo motor with brake (7.16Nm continuous, 21.5Nm peak)	£1,107.00
248681	HG-SR202B	Medium-inertia 2kW Servo motor with brake (9.55Nm continuous, 28.6Nm peak)	£1,300.00
248682	HG-SR352B	Medium-inertia 3.5kW Servo motor with brake (16.7Nm continuous, 50.1Nm peak)	£1,482.00
248683	HG-SR502B	Medium-inertia 5kW Servo motor with brake (23.9Nm continuous, 71.6Nm peak)	£1,919.00
248684	HG-SR702B	Medium-inertia 7kW Servo motor with brake (33.4Nm continuous, 100Nm peak)	£2,142.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
HG-SR, medium inertia, medium capacity motors, 2000rpm, IP67 (400V series motors)			
261431	HG-SR524	Medium-inertia 500W Servo motor (2.4Nm continuous, 7.2Nm peak)	£570.00
261432	HG-SR1024	Medium-inertia 1kW Servo motor (4.78Nm continuous, 14.4Nm peak)	£691.00
261433	HG-SR1524	Medium-inertia 1.5kW Servo motor (7.16Nm continuous, 21.5Nm peak)	£854.00
261434	HG-SR2024	Medium-inertia 2kW Servo motor (9.55Nm continuous, 28.6Nm peak)	£973.00
261435	HG-SR3524	Medium-inertia 3.5kW Servo motor (16.7Nm continuous, 50.1Nm peak)	£1,232.00
261436	HG-SR5024	Medium-inertia 5kW Servo motor (23.9Nm continuous, 71.6Nm peak)	£1,672.00
261437	HG-SR7024	Medium-inertia 7kW Servo motor (33.4Nm continuous, 100Nm peak)	£2,134.00
HG-SR, medium inertia, medium capacity motors, 2000rpm with brake, IP67 (400V series motors)			
261438	HG-SR524B	Medium-inertia 500W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£854.00
261439	HG-SR1024B	Medium-inertia 1kW Servo motor with brake (4.78Nm continuous, 14.4Nm peak)	£883.00
261440	HG-SR1524B	Medium-inertia 1.5kW Servo motor with brake (7.16Nm continuous, 21.5Nm peak)	£1,137.00
261441	HG-SR2024B	Medium-inertia 2kW Servo motor with brake (9.55Nm continuous, 28.6Nm peak)	£1,299.00
261442	HG-SR3524B	Medium-inertia 3.5kW Servo motor with brake (16.7Nm continuous, 50.1Nm peak)	£1,528.00
261443	HG-SR5024B	Medium-inertia 5kW Servo motor with brake (23.9Nm continuous, 71.6Nm peak)	£2,185.00
261444	HG-SR7024B	Medium-inertia 7kW Servo motor with brake (33.4Nm continuous, 100Nm peak)	£2,435.00
HG-JR, low inertia, medium capacity motors, 3000rpm, IP67 (200V series motors)			
261539	HG-JR53	Low-inertia 500W Servo motor (1.59Nm continuous, 4.77Nm peak)	£795.00
261540	HG-JR73	Low-inertia 700W Servo motor (2.39Nm continuous, 7.16Nm peak)	£883.00
261541	HG-JR103	Low-inertia 1kW Servo motor (3.18Nm continuous, 9.55Nm peak)	£967.00
261542	HG-JR153	Low-inertia 1.5kW Servo motor (4.77Nm continuous, 14.3Nm peak)	£1,198.00
261543	HG-JR203	Low-inertia 2kW Servo motor (6.37Nm continuous, 19.1Nm peak)	£1,369.00
261544	HG-JR353	Low-inertia 3.5kW Servo motor (10.5Nm continuous, 32.0Nm peak)	£1,706.00
261545	HG-JR503	Low-inertia 5kW Servo motor (15.9Nm continuous, 47.7Nm peak)	£2,632.00
261546	HG-JR703	Low-inertia 7kW Servo motor (22.3Nm continuous, 66.8Nm peak)	£2,942.00
261547	HG-JR903	Low-inertia 9kW Servo motor (28.6Nm continuous, 85.8Nm peak)	£3,825.00
261557	HG-JR11K1M	Low-inertia 11kW Servo motor (70Nm continuous, 210Nm peak)	£3,386.00
261558	HG-JR15K1M	Low-inertia 15kW Servo motor (95.5Nm continuous, 286Nm peak)	£4,291.00
261559	HG-JR22K1M	Low-inertia 22kW Servo motor (140Nm continuous, 420Nm peak)	£7,025.00
HG-JR, low inertia, medium capacity motors, 3000rpm with brake, IP65 (200V series motors)			
261548	HG-JR53B	Low-inertia 500W Servo motor with brake (1.59Nm continuous, 4.77Nm peak)	£1,198.00
261549	HG-JR73B	Low-inertia 700W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£1,286.00
261550	HG-JR103B	Low-inertia 1kW Servo motor with brake (3.18Nm continuous, 9.55Nm peak)	£1,369.00
261551	HG-JR153B	Low-inertia 1.5kW Servo motor with brake (4.77Nm continuous, 14.3Nm peak)	£1,589.00
261552	HG-JR203B	Low-inertia 2kW Servo motor with brake (6.37Nm continuous, 19.1Nm peak)	£1,836.00
261553	HG-JR353B	Low-inertia 3.5kW Servo motor with brake (10.5Nm continuous, 32.0Nm peak)	£2,141.00
261554	HG-JR503B	Low-inertia 5kW Servo motor with brake (15.9Nm continuous, 47.7Nm peak)	£3,056.00
261555	HG-JR703B	Low-inertia 7kW Servo motor with brake (22.3Nm continuous, 66.8Nm peak)	£3,414.00
261556	HG-JR903B	Low-inertia 9kW Servo motor with brake (28.6Nm continuous, 85.8Nm peak)	£4,433.00
261560	HG-JR11K1MB	Low-inertia 11kW Servo motor with brak (70Nm continuous, 210Nm peak)	£5,107.00
261561	HG-JR15K1MB	Low-inertia 15kW Servo motor with brak (95.5Nm continuous, 286Nm peak)	£6,404.00
HG-JR, low inertia, medium capacity motors, 3000rpm, IP67 (400V series motors)			
261445	HG-JR534	Low-inertia 500W Servo motor (1.59Nm continuous, 4.77Nm peak)	£795.00
261446	HG-JR734	Low-inertia 700W Servo motor (2.39Nm continuous, 7.16Nm peak)	£883.00
261447	HG-JR1034	Low-inertia 1kW Servo motor (3.18Nm continuous, 9.55Nm peak)	£967.00
261448	HG-JR1534	Low-inertia 1.5kW Servo motor (4.77Nm continuous, 14.3Nm peak)	£1,198.00
261449	HG-JR2034	Low-inertia 2kW Servo motor (6.37Nm continuous, 19.1Nm peak)	£1,369.00
261450	HG-JR3534	Low-inertia 3.5kW Servo motor (10.5Nm continuous, 32.0Nm peak)	£1,706.00
261451	HG-JR5034	Low-inertia 5kW Servo motor (15.9Nm continuous, 47.7Nm peak)	£2,632.00
261452	HG-JR7034	Low-inertia 7kW Servo motor (22.3Nm continuous, 66.8Nm peak)	£2,942.00
261453	HG-JR9034	Low-inertia 9kW Servo motor (28.6Nm continuous, 85.8Nm peak)	£3,825.00
HG-JR, low inertia, medium capacity motors, 3000rpm with brake, IP65 (400V series motors)			
261454	HG-JR534B	Low-inertia 500W Servo motor with brake (1.59Nm continuous, 4.77Nm peak)	£1,198.00
261455	HG-JR734B	Low-inertia 700W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£1,286.00
261456	HG-JR1034B	Low-inertia 1kW Servo motor with brake (3.18Nm continuous, 9.55Nm peak)	£1,369.00
261457	HG-JR1534B	Low-inertia 1.5kW Servo motor with brake (4.77Nm continuous, 14.3Nm peak)	£1,589.00
261458	HG-JR2034B	Low-inertia 2kW Servo motor with brake (6.37Nm continuous, 19.1Nm peak)	£1,836.00
261459	HG-JR3534B	Low-inertia 3.5kW Servo motor with brake (10.5Nm continuous, 32.0Nm peak)	£2,141.00
261460	HG-JR5034B	Low-inertia 5kW Servo motor with brake (15.9Nm continuous, 47.7Nm peak)	£3,056.00
261382	HG-JR7034B	Low-inertia 7kW Servo motor with brake (22.3Nm continuous, 66.8Nm peak)	£3,414.00
261383	HG-JR9034B	Low-inertia 9kW Servo motor with brake (28.6Nm continuous, 85.8Nm peak)	£4,433.00
Accessories for MR-J4 amplifiers			
248691	MR-BAT6V1SET	MR-J4 Battery-Set incl. MR-BAT6V1	£15.00
248692	MR-BAT6V1	MR-J4 Battery 6V/1650mAh	£13.00
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
J4, J3 and ES SERIES SERVO CABLES AND ACCESSORIES			
Encoder Cables J4, J3 and ES Series			
MR-J3ENCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 encoder cables			
161554	MR-J3ENCBL2M-A2-L	2m encoder cable	£30.00
161555	MR-J3ENCBL5M-A2-L	5m encoder cable	£33.00
161556	MR-J3ENCBL10M-A2-L	10m encoder cable	£50.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
MR-J3ENCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life encoder cables			
160230	MR-J3ENCBL2M-A2-H	2m encoder cable (high bending life)	£58.50
161552	MR-J3ENCBL5M-A2-H	5m encoder cable (high bending life)	£76.00
161553	MR-J3ENCBL10M-A2-H	10m encoder cable (high bending life)	£135.00
MR-J3ENCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 encoder cables (output towards motor shaft)			
161549	MR-J3ENCBL2M-A1-L	2m encoder cable - output towards motor shaft	£30.00
161550	MR-J3ENCBL5M-A1-L	5m encoder cable - output towards motor shaft	£33.00
161551	MR-J3ENCBL10M-A1-L	10m encoder cable - output towards motor shaft	£50.00
MR-J3ENCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life encoder cables (output towards motor shaft)			
160312	MR-J3ENCBL2M-A1-H	2m encoder cable - output towards motor shaft (high bending life)	£58.50
161547	MR-J3ENCBL5M-A1-H	5m encoder cable - output towards motor shaft (high bending life)	£76.00
161548	MR-J3ENCBL10M-A1-H	10m encoder cable - output towards motor shaft (high bending life)	£135.00
MR-J3JCCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) Motor side cables			
161557	MR-J3JCCBL03M-A1-L	Encoder cable for HF-KP and HF-MP series motors - lead out in direction towards motor shaft - 0.3m - IP20 - standard flex cable - for 10m or greater length	£19.00
161558	MR-J3JCCBL03M-A2-L	Encoder cable for HF-KP and HF-MP series motors - lead out in direction towards encoder - 0.3m - IP20 - standard flex cable - for 10m or greater length	£19.00
MR-J3EKCBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) Amplifier side cables			
161561	MR-EKCBL20M-L	Amplifier side encoder connector cable for HF-KP and HF-MP series motors - 20m - IP20 - standard flex cable - for 10m or greater length	£145.00
161562	MR-EKCBL30M-L	Amplifier side encoder connector cable for HF-KP and HF-MP series motors - 30m - IP20 - standard flex cable - for 10m or greater length	£209.00
MR-J3EKCBL - HF-KP, HF-MP and HF-KF (3000rpm series motors) Amplifier side cables - High Bending Life			
161559	MR-EKCBL20M-H	Amplifier side encoder connector cable for HF-KP and HF-MP series motors - 20m - IP20 - high flex cable - for 10m or greater length (high bending life)	£171.00
161560	MR-EKCBL30M-H	Amplifier side encoder connector cable for HF-KP and HF-MP series motors - 30m - IP20 - high flex cable - for 10m or greater length (high bending life)	£224.00
MR-J3ENSCBL - HG-SR, HG-JR, HF-SP, HF-JP and HF-SN (2000rpm series motors) IP65 encoder cables			
161567	MR-J3ENSCBL2M-L	2m encoder cable	£30.00
161568	MR-J3ENSCBL5M-L	5m encoder cable	£33.00
161569	MR-J3ENSCBL10M-L	10m encoder cable	£50.00
161570	MR-J3ENSCBL20M-L	20m encoder cable	£145.00
161571	MR-J3ENSCBL30M-L	30m encoder cable	£209.00
MR-J3ENSCBL - HG-SR, HG-JR, HF-SP, HF-JP and HF-SN (2000rpm series motors) IP65 High Bending Life encoder cables			
160226	MR-J3ENSCBL2M-H	2m encoder cable (high bending life)	£58.50
161563	MR-J3ENSCBL5M-H	5m encoder cable (high bending life)	£76.00
161564	MR-J3ENSCBL10M-H	10m encoder cable (high bending life)	£135.00
161565	MR-J3ENSCBL20M-H	20m encoder cable (high bending life)	£171.00
161566	MR-J3ENSCBL30M-H	Encoder cable; for HF-SP(B), High-flex 30m, IP67	£224.00
Power Cables J3 and ES Series			
MR-PWS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 Shielded power cable			
210802	MR-PWS3CBL2M-A2-L	2m power cable	£46.00
210803	MR-PWS3CBL5M-A2-L	5m power cable	£52.00
210814	MR-PWS3CBL10M-A2-L	10m power cable	£67.00
MR-PWS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life power cables			
160228	MR-PWS1CBL2M-A2-H	2m power cable (high bending life)	£53.50
161597	MR-PWS1CBL5M-A2-H	5m power cable (high bending life)	£75.00
161598	MR-PWS1CBL10M-A2-H	10m power cable (high bending life)	£119.00
MR-PWS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 Shielded power cable (output towards motor shaft)			
210799	MR-PWS3CBL2M-A1-L	2m power cable - output towards motor shaft	£46.00
210800	MR-PWS3CBL5M-A1-L	5m power cable - output towards motor shaft	£52.00
210801	MR-PWS3CBL10M-A1-L	10m power cable - output towards motor shaft	£67.00
MR-PWS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life power cables (output towards motor shaft)			
160227	MR-PWS1CBL2M-A1-H	2m power cable - output towards motor shaft (high bending life)	£53.50
161592	MR-PWS1CBL5M-A1-H	5m power cable - output towards motor shaft (high bending life)	£75.00
161593	MR-PWS1CBL10M-A1-H	10m power cable - output towards motor shaft (high bending life)	£118.00
MR-PWS2CBL -HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) Power cable tails			
161602	MR-PWS2CBL03M-A1-L	Power cable for HF-KP and HF-MP series motors - lead out direction towards motor shaft - 0.3m - IP55 - standard flex cable - for 10m or greater length	£14.50
161603	MR-PWS2CBL03M-A2-L	Power cable for HF-KP and HF-MP series motors - lead out direction away from motor shaft - 0.3m - IP55 - standard flex cable - for 10m or greater length	£14.50
Power supply cable for HF-SP servo motors - HF-SP52, HF-SE52			
202275	PCS015N-02.0-0C4	Power Cable 4x1.5 mm ² - Desina - for Power Chain Application; 2m for HF-SP52(B)	£118.00
202276	PCS015N-05.0-0C4	Power Cable 4x1.5 mm ² - Desina - for Power Chain Application; 5m for HF-SP52(B)	£145.00
202277	PCS015N-10.0-0C4	Power Cable 4x1.5 mm ² - Desina - for Power Chain Application; 10m for HF-SP52(B)	£191.00
202278	PCS015N-20.0-0C4	Power Cable 4x1.5 mm ² - Desina - for Power Chain Application; 20m for HF-SP52(B)	£281.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
202279	PCS015N-30.0-0C4	Power Cable 4x1.5 mm ² - Desina - for Power Chain Application; 30m for HF-SP52(B)	£374.00
Power supply cable for HF-SP servo motors - HF-SP102			
202280	PCS025N-02.0-0C4	Power Cable 4x2.5 mm ² - Desina - for Power Chain Application; 2m for HF-SP102(B)	£121.00
202281	PCS025N-05.0-0C4	Power Cable 4x2.5 mm ² - Desina - for Power Chain Application; 5m for HF-SP102(B)	£154.00
202282	PCS025N-10.0-0C4	Power Cable 4x2.5 mm ² - Desina - for Power Chain Application; 10m for HF-SP102(B)	£208.00
202283	PCS025N-20.0-0C4	Power Cable 4x2.5 mm ² - Desina - for Power Chain Application; 20m for HF-SP102(B)	£316.00
202294	PCS025N-30.0-0C4	Power Cable 4x2.5 mm ² - Desina - for Power Chain Application; 30m for HF-SP102(B)	£425.00
Power supply cable for HF-SP and HF-JP servo motors - HF-SP152- All HF-JP Series			
202295	PCS040N-02.0-0C4	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 2m for HF-SP152(B)	£127.00
202296	PCS040N-05.0-0C4	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 5m for HF-SP152(B)	£171.00
202297	PCS040N-10.0-0C4	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 10m for HF-SP152(B)	£240.00
202298	PCS040N-20.0-0C4	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 20m for HF-SP152(B)	£383.00
202299	PCS040N-30.0-0C4	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 30m for HF-SP152(B)	£523.00
Power supply cable for HF-SP servo motors - HF-SP202			
202300	PCS040N-02.0-0C5	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 2m for HF-SP202(B)	£147.00
202301	PCS040N-05.0-0C5	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 5m for HF-SP202(B)	£188.00
202302	PCS040N-10.0-0C5	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 10m for HF-SP202(B)	£260.00
202303	PCS040N-20.0-0C5	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 20m for HF-SP202(B)	£399.00
202304	PCS040N-30.0-0C5	Power Cable 4x4 mm ² - Desina - for Power Chain Application; 30m for HF-SP202(B)	£542.00
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Brake Cables J3 and ES Series			
Brake connection cable HF-SP, HF-JP and HF-SE series servo motors			
202249	BCS015S-02.0-BKS1	Brake connection cable 2x1.5 mm ² - silver grey (RAL 7001) - for Power Chain App.; 2m for HF-SP52B to HF-SP702B	£79.00
202250	BCS015S-05.0-BKS1	Brake connection cable 2x1.5 mm ² - silver grey (RAL 7001) - for Power Chain App.; 5m for HF-SP52B to HF-SP702B	£92.50
202251	BCS015S-10.0-BKS1	Brake connection cable 2x1.5 mm ² - silver grey (RAL 7001) - for Power Chain App.; 10m for HF-SP52B to HF-SP702B	£114.00
202252	BCS015S-20.0-BKS1	Brake connection cable 2x1.5 mm ² - silver grey (RAL 7001) - for Power Chain App.; 20m for HF-SP52B to HF-SP702B	£157.00
202253	BCS015S-30.0-BKS1	Brake connection cable 2x1.5 mm ² - silver grey (RAL 7001) - for Power Chain App.; 30m for HF-SP52B to HF-SP702B	£201.00
MR-BKS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 brake cables			
161612	MR-BKS1CBL2M-A2-L	2m motor brake cable	£21.50
161613	MR-BKS1CBL5M-A2-L	5m motor brake cable	£33.00
161614	MR-BKS1CBL10M-A2-L	10m motor brake cable	£40.50
MR-BKS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life brake cables			
160311	MR-BKS1CBL2M-A2-H	2m motor brake cable (high bending life)	£45.00
161610	MR-BKS1CBL5M-A2-H	5m motor brake cable (high bending life)	£64.00
161611	MR-BKS1CBL10M-A2-H	10m motor brake cable (high bending life)	£106.00
MR-BKS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 brake cables (output towards motor shaft)			
161607	MR-BKS1CBL2M-A1-L	2m motor brake cable - output towards motor shaft	£21.50
161608	MR-BKS1CBL5M-A1-L	5m motor brake cable - output towards motor shaft	£25.50
161609	MR-BKS1CBL10M-A1-L	10m motor brake cable - output towards motor shaft	£40.50
MR-BKS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) IP65 High Bending Life brake cables (output towards m			
161604	MR-BKS1CBL2M-A1-H	2m motor brake cable - output towards motor shaft (high bending life)	£45.00
161605	MR-BKS1CBL5M-A1-H	5m motor brake cable - output towards motor shaft (high bending life)	£64.00
161606	MR-BKS1CBL10M-A1-H	10m motor brake cable - output towards motor shaft (high bending life)	£106.00
MR-BKS1CBL - HG-KR, HG-MR, HF-KP, HF-MP and HF-KN (3000rpm series motors) Brake cables exceeding 10m			
161615	MR-BKS2CBL03M-A1-L	Brake cable for HF-KP and HF-MP series motors - lead out direction towards motor shaft - 0.3m - IP55 - standard flex cable - for 10m or greater length	£11.50
161616	MR-BKS2CBL03M-A2-L	Brake cable for HF-KP and HF-MP series motors - lead out direction towards encoder - 0.3m - IP55 - standard flex cable - for 10m or greater length	£11.50
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Accessories for HG-KR, HG-MR, HF-KP, HF-MP and HF-KN series motors			
161572	MR-EGNM	Encoder cable connector set for HF-KP and HF-MP motors exceeding 10m length - IP20	£13.50
Accessories for HF-SP, HF-JP and HF-SE series motors			
161576	MR-J3SCNS	Encoder connector set for HF-SP, HF-JP and HF-SE series motors IP67	£13.50
161573	MR-PWCNS4	Power supply connector for HF-SP52(4) to HF-SP152(4), HF-JP53(4) to HF-JP503(4) and HF-SE motors	£51.00
161574	MR-PWCNS5	Power supply connector for HF-SP202(4) to HF-SP502(4) motors	£51.00
136358	MR-PWCNS3	Power supply connector for HF-SP702(4), HF-JP703(4) and HF-JP903(4) motors	£117.00
64036	MR-PWCNS1	Power supply connector set for HC-RP103, 153, 203 (3000rpm) motors	£32.00
64035	MR-PWCNS2	Power supply connector set for HC-RP353, 503 (3000rpm) motors	£46.00
161575	MR-BKCN1	Brake connector for HF-SP, HF-JP and HF-SE series motors IP67	£32.00
Accessories for MR-J4 and MR-J3 amplifiers			
160224	MR-J3BAT	MR-J3 battery for absolute encoder mode	£15.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
160327	MR-J3BTCBL03M	MR-J3 battery connection extension cable	£50.00
160229	MR-J3USBCBL3M	MR-J3 servo and inverter USB programming software cable (Mini-USB Port)	£53.50
160225	MR-J3CN1	MR-J3-A CN1 I/O connector	£13.50
55912	MR-J2CN1	MR-J3-B CN3 I/O connector	£17.50
161577	MR-J3ACHECK	MR-J3-A Diagnostic cable	£76.00
161578	MR-J3CN6CBL1M	MR-J3-A Monitor cable for CN6 (1m)	£13.50
161590	MR-J3BCN1	MR-J3-B SSCNET III connector set	£13.50
168127	MR-J3-TB50KIT-2M	50 way terminal block and 2m cable (for use with MR-J3-A type)	£207.00
146533	MR-HP55KA4	55kW converter unit (400V)	£2,736.00
151254	MR-RB136-4	Regenerative brake option (Brake unit) (1300W 50hm)	£611.00
191152	MR-RB138-4	Regenerative brake option (Brake unit) (3 x 1300W 50hm (in parallel))	£595.00
TBA	MR-DCL30K-4	DC link reactor (Power factor improving reactor) (30kW rated)	£595.00
TBA	MR-DCL37K-4	DC link reactor (Power factor improving reactor) (37kW rated)	£615.00
191149	MR-DCL45K-4	DC link reactor (Power factor improving reactor) (45kW rated)	£626.00
TBA	MR-DCL55K-4	DC link reactor (Power factor improving reactor) (55kW rated)	£685.00
168217	DBU55K-4	External dynamic brake (55kW)	£549.00

Brake resistors

137279	MR-RFH75-40	Brake Resistor for MR-J3-10 to MR-J3-70 (MR-RB032 and MR-RB12)	£29.00
137278	MR-RFH220-40	Brake Resistor for MR-J3-100 (MR-RB32)	£40.50
137277	MR-RFH400-13	Brake Resistor for MR-J3-200 to MR-J3-350 (MR-RB30 & MR-RB50)	£60.50
137275	MR-RFH400-6.7	Brake Resistor for MR-J3-500 to MR-J3-700 (MR-RB 31 / 51)	£60.50
154428	MR-PWR-T-150-270	Brake Resistor for MR-J3-60 (400V) (MR-RB1L-4)	£40.50
154746	MR-PWR-T-400-120	Brake Resistor for MR-J3-100 (400V) (MR-RB3M-4)	£52.00
154750	MR-PWR-T-600-80	Brake Resistor for MR-J3-200 (400V) (MR-RB3H-4)	£70.00
154751	MR-PWR-T-600-47	Brake Resistor for MR-J3-350 (400V) (MR-RB3G-4 and MR-RB5G-4)	£70.00
154752	MR-PWR-T-600-26	Brake Resistor for MR-J3-500 to MR-J3-700 (400V) (MR-RB34-4 and MR-RB54-4)	£70.00

Terminal block connector accessories

61216	MR-J2TBL05M	0.5m connector and cable from MR-J2 amplifiers to MR-TB20 terminal box	£84.50
61218	MR-J2TBL1M	1m connector and cable from MR-J2 amplifiers to MR-TB20 terminal box	£92.50
212094	MR-J3TBL-CN3-05M	0.5m connector and cable from MR-J3 amplifiers to MR-TB20 terminal box	£84.50
212034	MR-J3TBL-CN3-1M	1m connector and cable from MR-J3 amplifiers to MR-TB20 terminal box	£92.50
149148	TB-20-S	20-way terminal box (use with MR-J2TBL1M or MR-J2TBL05M cable)	£25.50
155696	MR-J2S-TB20KIT-05M	MR-J3 connector kit (incl 2 x 20 way terminal blocks and 2 x 0.5m cables for CN1A and CN1B)	£162.00
155697	MR-J2S-TB20KIT-1M	MR-J3 connector kit (incl 2 x 20 way terminal blocks and 2 x 1m cables for CN1A and CN1B)	£202.00
161362	MR-J2S-10PG-KIT-1M	MR-J2S to FX2N-10PG connection kit	£221.00
245358	MR-J3-10PG-KIT-1M	MR-J3 to FX2N-10PG connection kit	£223.00
76748	J21PGCBL-1	Cable Assembly for J2 to 1PG	£205.00
125189	FX-16E-TB/UL	16-way terminal box	£48.00
128722	FX-16E-300CAB	3.0m cable for FX-16E-TB/UL terminal box	£36.00
212032	TB-20-EG	20-way terminal box (use with MR-J3TBL-CN3-05M-EG or MR-J3TBL-CN3-1M-EG cable)	£19.50
212096	MR-J3TBL-CN3-05M-EG	0.5m connector and cable from MR-J3 amplifiers to TB-20-EG terminal box	£43.00
212095	MR-J3TBL-CN3-1M-EG	1m connector and cable from MR-J3 amplifiers to TB-20-EG terminal box	£46.00
215134	TB-26-EG	26-way terminal box (use with MR-ESTBL-CN1-05M-EG or MR-ESTBL-CN1-1M-EG cable)	£22.00
215135	MR-ESTBL-CN1-05M-EG	0.5m connector and cable from MR-E and MR-J3-T amplifiers to TB-26-EG terminal box	£37.50
215137	MR-ESTBL-CN1-1M-EG	1m connector and cable from MR-E and MR-J3-T amplifiers to TB-26-EG terminal box	£40.50
212033	TB-50-EG	50-way terminal box (use with MR-J2M-CN1TBL05M or MR-J2M-CN1TBL1M cable)	£61.50
146794	MR-J2M-CN1TBL05M	0.5m connector and cable from MR-J3-A and MR-J3-T amplifiers to TB-50-EG terminal box	£64.00
189864	MR-J2M-CN1TBL1M	1m connector and cable from MR-J3-A and MR-J3-T amplifiers to TB-50-EG terminal box	£90.50

EMC Filters for the MR-J4 and MR-J3 series

189332	MF-2F230-06-MFA	EMC filter for single-phase MR-J3 200V amplifiers up to 600W inclusive	£57.50
189331	MF-2F230-06-MFB	EMC filter for single-phase MR-J3 200V amplifier - 750W	£57.50
208775	MF-3F480-010.233MF	EMC filter for three-phase MR-J3 400V amplifiers 600W to 1kW inclusive	£144.00
200463	MF-3F480-015.230MF3	EMC filter for three-phase MR-J3 400V amplifier - 2kW	£156.00
208776	MF-3F480-015.233MF	EMC filter for three-phase MR-J3 400V amplifier - 3.5kW	£169.00
203854	MF-3F480-025.230MF3	EMC filter for three-phase MR-J3 400V amplifiers 5kW to 7kW inclusive	£179.00
189329	MF-3F480-035.230	EMC filter for three-phase MR-J3 400V amplifiers 11kW and 15kW	£203.00
203855	MF-3F480-050.230MF3	EMC filter for three-phase MR-J3 400V amplifier 22kW	£203.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

MR-ES SERIES PRODUCTS

MR-E-A - Standard Type Pulse Train Servo Amplifiers

213069	MR-E-10A-QW003	100W Servo amplifier (digital control) (200V single-phase or 3-phase)	£389.00
213070	MR-E-20A-QW003	200W Servo amplifier (digital control) (200V single-phase or 3-phase)	£417.00
213071	MR-E-40A-QW003	400W Servo amplifier (digital control) (200V single-phase or 3-phase)	£444.00
213072	MR-E-70A-QW003	700W Servo amplifier (digital control) (200V single-phase or 3-phase)	£471.00
213073	MR-E-100A-QW003	1kW Servo amplifier (digital control) (200V 3-phase)	£851.00

NOTE : Does not include power connectors, order 217356 MR-ECNP-SET-B

MR-E-AG - Standard Type Analogue Servo Amplifiers

213075	MR-E-10AG-QW003	100W Servo amplifier (analogue control) (200V single-phase or 3-phase)	£389.00
213076	MR-E-20AG-QW003	200W Servo amplifier (analogue control) (200V single-phase or 3-phase)	£417.00
213077	MR-E-40AG-QW003	400W Servo amplifier (analogue control) (200V single-phase or 3-phase)	£444.00
213078	MR-E-70AG-QW003	700W Servo amplifier (analogue control) (200V single-phase or 3-phase)	£471.00
213079	MR-E-100AG-QW003	1kW Servo amplifier (analogue control) (200V 3-phase)	£851.00

NOTE : Does not include power connectors, order 217356 MR-ECNP-SET-B

MR-ES - Series Servo Motors



LAWTON ELECTRICAL SERVICES LTD
 Service Centre, Power House,
 Gate 6 Meltham Mills Industrial Estate,
 Meltham Mills Road, Meltham,
 Holmfirth, Huddersfield,
 England, HD9 4DS

Tel: +44(0)1484 851355
 Fax: +44(0)1484 852715
 Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
HF-KE, low inertia, small capacity motors, 3000rpm, IP65 (200V series motors)			
239796	HF-KN053	Low-inertia 50W Servo motor (0.16Nm continuous, 0.48Nm peak)	£236.00
239797	HF-KN13K	Low-inertia 100W Servo motor (0.32Nm continuous, 0.95Nm peak)	£241.00
253946	HF-KN23K	Low-inertia 200W Servo motor keyway (0.64Nm continuous, 1.9Nm peak)	£299.00
253947	HF-KN43K	Low-inertia 400W Servo motor keyway (1.3Nm continuous, 3.8Nm peak)	£355.00
253948	HF-KN73K	Low-inertia 750W Servo motor keyway (2.4Nm continuous, 7.2Nm peak)	£429.00

NOTE : Requires MR-ES amplifiers with serial numbers starting D or higher

HF-KE, low inertia, small capacity motors, 3000rpm with brake, IP65 (200V series motors)			
239800	HF-KN053B	Low-inertia 50W Servo motor with brake(0.16Nm continuous, 0.48Nm peak)	£369.00
239801	HF-KN13B	Low-inertia 100W Servo motor with brake (0.32Nm continuous, 0.95Nm peak)	£378.00
253949	HF-KN23BK	Low-inertia 200W Servo motor with brake keyway (0.64Nm continuous, 1.9Nm peak)	£468.00
253950	HF-KN43BK	Low-inertia 400W Servo motor with brake keyway (1.3Nm continuous, 3.8Nm peak)	£526.00
253951	HF-KN73BK	Low-inertia 750W Servo motor with brake keyway (2.4Nm continuous, 7.2Nm peak)	£605.00

NOTE : Requires MR-ES amplifiers with serial numbers starting D or higher

HF-SE, medium inertia, medium capacity motors, 2000rpm, IP67 (200V series motors)			
213084	HF-SE52KW1-S100	Medium-inertia 500W Servo motor (2.39Nm continuous, 7.16Nm peak)	£404.00
253952	HF-SN52JK	Medium-inertia 500W Servo motor with Oil seal and keyway (2.39Nm continuous, 7.16Nm peak)	£404.00
253953	HF-SN102JK	Medium-inertia 1kW Servo motor with oil seal and keyway(4.78Nm continuous, 14.4Nm peak)	£564.00

HF-SE, medium inertia, medium capacity motors, 2000rpm with brake, IP67 (200V series motors)			
213091	HF-SE52BKW1-S100	Medium-inertia 500W Servo motor with brake (2.39Nm continuous, 7.16Nm peak)	£606.00
253966	HF-SN52BJK	Medium-inertia 500W Servo motor with brake, oil seal and keyway (2.39Nm continuous, 7.16Nm peak)	£606.00
253967	HF-SN102BJK	Medium-inertia 1kW Servo motor with brake, oil seal and keyway(4.78Nm continuous, 14.4Nm peak)	£790.00

ES SERIES SERVO CABLES AND ACCESSORIES

EMC Filters for the MR-E series

219207	FMR-ES-3A-RS1-FP	Noise filter for MR-E-10A/AG-QW003, MR-E-20A/AG-QW003; 1x230V/50-60Hz	£24.00
219208	FMR-ES-6A-RS1-FP	Noise filter for MR-E-40A/AG-QW003, MR-E-70A/AG-QW003; 1x230V/50-60Hz	£32.00

MR-E Power Connectors

217356	MR-ECNP-SET-B	Power Connectors	£13.00
215135	MR-ESTBL-CN1-05M-EG	connecting cable for terminal block	£37.50
215137	MR-ESTBL-CN1-1M-EG	connecting cable for terminal block	£40.50
215134	TB-26-EG	26 way terminal block (for use with MR-E type)	£22.00
215103	MR-ECN1-EG	MR-E CN1 I/O connector	£14.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
POSITIONING MODULES (Qn/FX)			

CC-Link Positioning modules

88002	AJ65BT-D75P2-S3	2 channel, positioning module, pulse train output	£797.00
-------	-----------------	---	---------

Q-PLC Positioning modules (Open-collector)

132581	QD75P1	Single axis pulse output position control module (Qn) (Open-collector)	£671.00
132582	QD75P2	Two axis pulse output position control module (Qn) (Open-collector)	£827.00
132583	QD75P4	Four axis pulse output position control module (Qn) (Open-collector)	£1,197.00

Q-PLC Positioning modules (Differential line-driver)

129675	QD75D1	Single axis pulse output position control module (Qn) (Differential line-driver)	£671.00
129676	QD75D2	Two axis pulse output position control module (Qn) (Differential line-driver)	£827.00
129677	QD75D4	Four axis pulse output position control module (Qn) (Differential line-driver)	£1,197.00

Q-PLC SSCNET Positioning modules (SSCNET bus)

165761	QD75MH1	Single axis SSCNET III position control module (Qn)	£560.00
165762	QD75MH2	Two axis SSCNET III position control module (Qn)	£678.00
165763	QD75MH4	Four axis SSCNET III position control module (Qn)	£960.00

Q-PLC SSCNET simple modules (SSCNET bus)

248702	QD77MS2	Two axis SSCNET III Motion control module (Qn)	£769.00
248703	QD77MS4	Four axis SSCNET III Motion control module (Qn)	£1,159.00
248704	QD77MS16	Sixteen axis SSCNET III Motion control module (Qn)	£1,794.00

FX3U SSCNET III Positioning Module

231512	FX3U-20SSC-H	SSCNET III Position controller - 2 axis	£564.00
212032	TB-20-EG	20-way terminal box (use with MR-J3TBL-CN3-05M-EG or MR-J3TBL-CN3-1M-EG cable)	£19.50

FX PLC Series Positioning Modules

65583	FX2N-1PG-E	Pulse train output module, 1 channel, 100kpps maximum	£289.00
140113	FX2N-10PG	Pulse train output module, 1 channel, 1Mpps maximum, internal point table	£316.00

Q-MOTION CONTROLLER PRODUCTS

Q-Motion Controller CPU's

162417	Q172HCPU	8-axis SSCNET III Motion Controller	£1,448.00
--------	----------	-------------------------------------	-----------



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
162416	Q173HCPU	32-axis SSCNET III Motion Controller	£2,414.00
209788	Q172DCPU	8-axis Motion Controller CPU (use with QnUDCPU and Q3nDB base only)	£1,533.00
209787	Q173DCPU	32-axis Motion Controller CPU (use with QnUDCPU and Q3nDB base only)	£2,520.00
248700	Q172DSCPU	8-axis Motion Controller CPU (use with QnUDCPU and Q3nDB base only) With Sync Encoder Input	£1,776.00
248701	Q173DSCPU	32-axis Motion Controller CPU (use with QnUDCPU and Q3nDB base only) With Sync Encoder Input	£3,173.00

Q-Motion Controller modules

140583	Q172LX	Servo external signal input module (FLS-RLS-STOP-DOG/CHANGE _{x8})	£220.00
140584	Q172EX	Serial ABS encoder interface (MR-HENC) x 2 - Tracking inputs x 2	£220.00
140585	Q173PX	INC synchronous encoder (or MR-HDP01) x 3 - Tracking inputs x 3	£220.00
140586	Q173DV	SSCNET signal branching unit for Q173CPU (with external battery holder)	£45.00
213894	Q172DLX	External signal input module (FLS - RLS - STOP - DOG/CHANGE x 8) (QnUD and Q3nDB only)	£265.00
213895	Q172DEX	Serial ABS encoder interface (MR-HENC) x 2 - Tracking inputs x 2 (QnUD and Q3nDB Only)	£265.00
213896	Q173DPX	INC synchronous encoder (or MR-HDP01) x 3 - Tracking inputs x 3 (QnUD and Q3nDB Only)	£265.00

Q-Motion cables and accessories

142204	Q170BAT	External battery holder	£49.00
140587	Q173DVCBL05M	0.5m cable for connection between Q173 and Q173DV (Branching module)	£105.00
140588	Q173DVCBL1M	1m cable for connection between Q173 and Q173DV (Branching module)	£110.00
140570	Q170BDCBL3M	3m connection cable for A30BD-PCF (SSCNET interface board)	£114.00
140576	Q170BDCBL5M	5m connection cable for A30BD-PCF (SSCNET interface board)	£131.00
140582	Q170BDCBL10M	10m connection cable for A30BD-PCF (SSCNET interface board)	£170.00
140564	Q170CDCBL3M	3m connection cable for A30CD-PCF (SSCNET interface board)	£114.00
140565	Q170CDCBL5M	5m connection cable for A30CD-PCF (SSCNET interface board)	£131.00
140567	Q170CDCBL10M	10m connection cable for A30CD-PCF (SSCNET interface board)	£170.00
142206	Q172J2BCBL05M-B	0.5m cable from Q172 to MR-J2 / MR-J2S / Q170BAT	£111.00
142207	Q172J2BCBL1M-B	1m cable from Q172 to MR-J2 / MR-J2S / Q170BAT	£115.00
142205	Q172J2BCBL5M-B	5m cable from Q172 to MR-J2 / MR-J2S / Q170BAT	£133.00

Q-Motion H type (SSCNET III) cables and accessories

161579	MR-J3BUS015M	0.15m SSCNET III cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£67.00
161580	MR-J3BUS03M	0.3m SSCNET III cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£67.00
161581	MR-J3BUS05M	0.5m SSCNET III cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£69.00
161582	MR-J3BUS1M	1m SSCNET III cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£71.00
161583	MR-J3BUS3M	3m SSCNET III cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£79.00
161584	MR-J3BUS5M-A	5m SSCNET III external cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£91.50
161585	MR-J3BUS10M-A	10m SSCNET III external cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£121.00
161586	MR-J3BUS20M-A	20m SSCNET III external cable from Q17*HCPU to MR-J3 amplifier (also J3 to J3 amplifier)	£181.00

Profibus to SSCNET Converter

157643	MR-MG30	Profibus to SSCNET Gateway Module	£409.00
--------	---------	-----------------------------------	---------

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
STANDALONE MOTION CONTROLLER			

Standalone motion controllers

217705	MR-MQ100	Single axis motion controller with Print mark registration and CAM profiles for MR-J3B	£553.00
254316	MR-MQ100-32IO	Single axis motion controller for MR-J3BS Safety, 30DI, 16DO, 2AD & 2DA. Serial to GOT's.	£615.00
221835	Q170MCPU	16 axis motion controller and PLC, Print mark registration, CAM profiles for MR-J3B	£2,415.00

Cables and accessories

212033	TB-50-EG	Terminal block for MQ100 and Q170M, 50 pins, screw connection	£61.50
229275	Q170MCPU-EXTIO-05M-EG	Cable between MQ100 & Q170MCPU I/O I/F and TB-50-EG , 0.5 m	£67.00
229276	Q170MCPU-EXTIO-1M-EG	Cable between MQ100 & Q170MCPU I/O I/F and TB-50-EG , 1 m	£77.00
229277	Q170MCPU-EXTIO-3M	Cable for Q170MCPU I/O I/F, 3 m, open	£77.00
229985	Q170MPWCON	24V power connector for MQ100, Q170M	£22.00
229986	Q170MPWCBL2M	24V power cable, 2m for MQ100, Q170M	£104.00
229987	Q170MPWCBL2M-E	24V power cable with EMI terminal Linked out, 2m for Q170M	£128.00
213899	Q170DEMICBL05M	QD Motion Emergency stop input cable 0.5m	£39.50
213900	Q170DEMICBL1M	QD Motion Emergency stop input cable 1m	£61.50
213901	Q170DEMICBL2M	QD Motion Emergency stop input cable 2m	£67.00
213902	Q170DEMICBL3M	QD Motion Emergency stop input cable 3m	£67.00
213903	Q170DEMICBL5M	QD Motion Emergency stop input cable 5m	£116.00
213904	Q170DEMICBL10M	QD Motion Emergency stop input cable 10m	£155.00
213905	Q170DEMICBL15M	QD Motion Emergency stop input cable 15m	£231.00
213906	Q170DEMICBL20M	QD Motion Emergency stop input cable 20m	£381.00
213907	Q170DEMICBL25M	QD Motion Emergency stop input cable 25m	£457.00
213908	Q170DEMICBL30M	QD Motion Emergency stop input cable 30m	£528.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
J4 and J3 SERIES GEARBOXES			

HG-KR, HG-MR, HF-KP and HF-MP Motor Gearboxes

158896	LP070-M1-3-MF40	3 : 1 Ratio gearbox for use with 053 / 13 motors	£415.00
135071	LP070-M1-3-MF60	3 : 1 Ratio gearbox for use with 23 / 43 motors	£415.00
158897	LP090-M1-3-MF80	3 : 1 Ratio gearbox for use with 73 motors	£451.00
124429	LP050-M1-5-MF40	5 : 1 Ratio gearbox for use with 053 / 13 motors	£391.00
124288	LP070-M1-5-MF60	5 : 1 Ratio gearbox for use with 23 / 43 motors	£415.00
126796	LP090-M1-5-MF80	5 : 1 Ratio gearbox for use with 73 motors	£451.00
102829	LP050-M1-10-MF40	10 : 1 Ratio gearbox for use with 053 / 13 motors	£391.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
88432	LP070-M1-10-MF60	10 : 1 Ratio gearbox for use with 23 motors	£415.00
128572	LP090-M1-10-MF60	10 : 1 Ratio gearbox for use with 43 motors	£451.00
104668	LP090-M1-10-MF80	10 : 1 Ratio gearbox for use with 73 motors	£451.00
155194	LP070-M2-15-MF40	15 : 1 Ratio gearbox for use with 053 / 13 motors	£622.00
158898	LP070-M2-15-MF60	15 : 1 Ratio gearbox for use with 23 motors	£622.00
156339	LP090-M2-15-MF60	15 : 1 Ratio gearbox for use with 43 motors	£702.00
158899	LP120-M2-15-MF80	15 : 1 Ratio gearbox for use with 73 motors	£861.00
158901	LP090-M2-15-MF80	15 : 1 Ratio gearbox for use with 73* motors	£702.00
158902	LP070-M2-25-MF40	25 : 1 Ratio gearbox for use with 053 / 13 motors	£622.00
129687	LP050-M2-25-MF40	25 : 1 Ratio gearbox for use with P 053* / 13* motors	£584.00
125574	LP090-M2-25-MF60	25 : 1 Ratio gearbox for use with 23 motors	£702.00
124449	LP070-M2-25-MF60	25 : 1 Ratio gearbox for use with 23* motors	£622.00
158903	LP120-M2-25-MF60	25 : 1 Ratio gearbox for use with 43 motors	£861.00
158915	LP120-M2-25-MF80	25 : 1 Ratio gearbox for use with 73 motors	£861.00
158917	LP070-M2-30-MF40	30 : 1 Ratio gearbox for use with 053 / 13 motors	£622.00
159163	LP090-M2-30-MF60	30 : 1 Ratio gearbox for use with 23 motors	£702.00
137918	LP070-M2-30-MF60	30 : 1 Ratio gearbox for use with 23* motors	£622.00
159164	LP120-M2-30-MF60	30 : 1 Ratio gearbox for use with 43 motors	£861.00
159165	LP120-M2-30-MF80	30 : 1 Ratio gearbox for use with 73* motors	£861.00
159166	LP070-M2-50-MF40	50 : 1 Ratio gearbox for use with 053 / 13* motors	£622.00
144202	LP050-M2-50-MF40	50 : 1 Ratio gearbox for use with 053* motor	£584.00
124485	LP090-M2-50-MF60	50 : 1 Ratio gearbox for use with 23 motors	£702.00
159167	LP070-M2-50-MF60	50 : 1 Ratio gearbox for use with 23* motors	£622.00
159168	LP120-M2-50-MF60	50 : 1 Ratio gearbox for use with 43 motors	£861.00
159169	LP155-M2-50-MF80	50 : 1 Ratio gearbox for use with 73* motors	£1,073.00
159170	LP120-M2-50-MF80	50 : 1 Ratio gearbox for use with 73* motors	£861.00
130446	LP070-M2-100-MF40	100 : Ratio gearbox for use with 053* motors	£622.00
159171	LP090-M2-100-MF40	100 : Ratio gearbox for use with 13 motors	£702.00
159173	LP120-M2-100-MF60	100 : Ratio gearbox for use with 23 motors	£861.00
159174	LP090-M2-100-MF60	100 : Ratio gearbox for use with 23* motors	£702.00
159175	LP155-M2-100-MF60	100 : Ratio gearbox for use with 43 motors	£1,073.00
159176	LP155-M2-100-MF80	100 : Ratio gearbox for use with 73* motors	£1,073.00
159177	LP120-M2-100-MF80	100 : Ratio gearbox for use with 73* motors	£861.00

* Motor / Gearbox combinations where the motor model number is marked with an asterisk must be referred to a motion control engineer with the machines mechanical and dynamic specification to verify the combinations application. Other ratios and gear boxes available on request

HG-SR and HF-SP Motor Gearboxes

152434	LP120-M1-3-SF130	3 : 1 Ratio gearbox for use with 52 / 102 / 152 motors.	£625.00
126920	LP120-M1-5-SF130	5 : 1 Ratio gearbox for use with 52 / 102 / 152 motors.	£625.00
124662	LP155-M1-5-SF176	5 : 1 Ratio gearbox for use with 202 / 352 motors.	£796.00
88138	LP120-M1-10-SF130	10 : 1 Ratio gearbox for use with 52 / 102 motors.	£625.00
125206	LP155-M1-10-SF130	10 : 1 Ratio gearbox for use with 152 motor.	£796.00
113569	LP155-M1-10-SF176	10 : 1 Ratio gearbox for use with 202 / 352* motors.	£796.00
159182	LP120-M2-15-SF130	15 : 1 Ratio gearbox for use with 52 / 102* / 152* motors.	£861.00
126964	LP120-M2-25-SF130	25 : 1 Ratio gearbox for use with 52 motor.	£861.00
127367	LP155-M2-25-SF130	25 : 1 Ratio gearbox for use with 102 / 152* motors.	£1,073.00
159183	LP120-M2-30-SF130	30 : 1 Ratio gearbox for use with 52* / 102* / 152* motors.	£861.00
127335	LP155-M2-50-SF130	50 : 1 Ratio gearbox for use with 52 / 102* / 152* motors.	£1,073.00
130505	LP120-M2-50-SF130	50 : 1 Ratio gearbox for use with 52* motor.	£861.00
130664	LP155-M2-100-SF130	100 : 1 Ratio gearbox for use with 52* / 102* / 152* motors.	£1,073.00
140460	LP120-M2-100-SF130	100 : 1 Ratio gearbox for use with 52* motor.	£861.00

* Motor / Gearbox combinations where the motor model number is marked with an asterisk must be referred to a motion control engineer with the machines mechanical and dynamic specification to verify the combinations application. Other ratios and gear boxes available on request

HG-JR and HF-JP Motor Gearboxes

231735	LP90-M1-3-JP90	3 : 1 Ratio gearbox for use with 534 / 734 / 1034 / 1534 / 2034 motors.	£451.00
231736	LP120-M1-3-JP130	3 : 1 Ratio gearbox for use with 3534 / 5034 motors.	£625.00
231737	LP90-M1-5-JP90	5 : 1 Ratio gearbox for use with 534 / 734 / 1034 / 1534 / 2034 motors.	£451.00
231738	LP120-M1-5-JP130	5 : 1 Ratio gearbox for use with 3534 / 5034 motors.	£625.00
231739	LP90-M1-10-JP90	10 : 1 Ratio gearbox for use with 534 / 734 / 1034 motors.	£451.00
231740	LP120-M1-10-JP90	10 : 1 Ratio gearbox for use with 1534 / 2034 motor.	£625.00
231741	LP155-M1-10-JP130	10 : 1 Ratio gearbox for use with 3534 / 5034 motors.	£796.00
231742	LP90-M2-15-JP90	15 : 1 Ratio gearbox for use with 534 / 734 motors.	£702.00
231743	LP120-M2-15-JP90	15 : 1 Ratio gearbox for use with 102 / 1534 / 2034 motors.	£861.00
231745	LP120-M2-25-JP90	25 : 1 Ratio gearbox for use with 534 / 734 / 1034 motors.	£861.00
231746	LP155-M2-25-JP90	25 : 1 Ratio gearbox for use with 1534 / 2034 motors.	£1,073.00
231747	LP155-M2-25-JP130	25 : 1 Ratio gearbox for use with 3534 / 5034 motors.	£1,073.00
231748	LP120-M2-30-JP90	30 : 1 Ratio gearbox for use with 534 / 734 / 1034 motors.	£861.00
231749	LP155-M2-50-JP90	50 : 1 Ratio gearbox for use with 534 / 734 / 1034 / 1534 / 2034 motors.	£1,073.00
231751	LP155-M2-100-JP90	100 : 1 Ratio gearbox for use with 534 / 734 motors.	£1,073.00

* Motor / Gearbox combinations where the motor model number is marked with an asterisk must be referred to a motion control engineer with the machines mechanical and dynamic specification to verify the combinations application. Other ratios and gear boxes available on request

HF-KE Motor Gearboxes (Backlash <= 25 arcmin)

243251	CP040-M1-5-MF40	5 : 1 Ratio gearbox for use with HF-KE13 motor	£299.00
243252	CP060-M1-5-MF60	5 : 1 Ratio gearbox for use with HF-KE23 / 43 motors	£317.00
243253	CP080-M1-5-MF80	5 : 1 Ratio gearbox for use with HF-KE73 motor	£356.00
243254	CP040-M1-10-MF40	10 : 1 Ratio gearbox for use with HF-KE13 motor	£299.00
243265	CP060-M1-10-MF60	10 : 1 Ratio gearbox for use with HF-KE23 motor	£317.00
243266	CP080-M1-10-MF60	10 : 1 Ratio gearbox for use with HF-KE43 motor	£356.00
243267	CP080-M1-10-MF80	10 : 1 Ratio gearbox for use with HF-KE73 motor	£356.00
243268	CP060-M2-25-MF40	25 : 1 Ratio gearbox for use with HF-KE13 motor	£478.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
243269	CP080-M2-25-MF60	25 : 1 Ratio gearbox for use with HF-KE23 motor	£538.00
243270	CP115-M2-25-MF60	25 : 1 Ratio gearbox for use with HF-KP43 motor	£648.00
243271	CP115-M2-25-MF80	25 : 1 Ratio gearbox for use with HF-KE73 motor	£648.00
243272	CP060-M2-50-MF40	50 : 1 Ratio gearbox for use with HF-KE13* motor	£478.00
243273	CP080-M2-50-MF60	50 : 1 Ratio gearbox for use with HF-KE23 motor	£538.00
243274	CP115-M2-50-MF60	50 : 1 Ratio gearbox for use with HF-KE43 motor	£648.00
243275	CP080-M2-100-MF40	100 : 1 Ratio gearbox for use with HF-KE13 motor	£538.00
243276	CP115-M2-100-MF60	100 : 1 Ratio gearbox for use with HF-KE23 motor*	£648.00

* Motor / Gearbox combinations where the motor model number is marked with an asterisk must be referred to a motion control engineer with the machines mechanical and dynamic specification to verify the combinations application. Other ratios and gear boxes available on request

Machine side Couplings - Gearbox to Machine

266199	EKL 00010B012.001-0XX.XXY	LP 050-M1 or M2 Gearboxes Ratio 5/10/25/50 to Machine bore size 5-16mm	£64.00
266201	EKL 00020B016.001-0XX.XXY	LP 070-M1 or M2 Gearboxes Ratio 3/5/7/10/15/25/30/50/100 to Machine bore size 8-25mm	£73.00
266202	EKL 00060B022.001-0XX.XXY	LP 090-M2 Gearboxe Ratio 15/25/30/50/100 to Machine bore size 12-32mm	£103.00
266203	EKL 00150B032.001-XX.XXY	LP 120-M1 or M2 Gearboxes Ratio 3/5/7/10/15/25/30/50/100 to Machine bore size 19-35mm	£113.00
266203	EKL 00300B040.001-XX.XXY	LP 155-M1 or M2 Gearboxes Ratio 10/25/50/100 to Machine bore size 20-45mm	£226.00

NOTE: When ordering a coupling please specify the machine side bore diameter and smooth or Keyway connection

Machine side Couplings - Moto to Machine

266205	EKL 00010B008.000-0XX.XXY	HG-KR053 with 8mm Shaft to machine bore size 5-16Nm (Rated Torque 16NmMax Torque 32 Nm)	£64.00
266206	EKL 00010B008.000-0XX.XXY	HG-KR13 with 8mm Shaft to machine bore size 5-16mm (Rated Torque 16Nm Max Torque 32 Nm)	£64.00
266207	EKL 00010B014.000-0XX.XXY	HG-KR23 with 14mm Shaft to machine bore size 5-16 mm (Rated Torque 16 Nm Max Torque 32Nm)	£64.00
266208	EKL 00010B014.000-0XX.XXY	HG-KR43 with 14mm Shaft to machine bore size 5-16 mm(Rated Torque 16 Nm Max Torque 32Nm)	£64.00
266209	EKL 00010B019.000-0XX.XXY	HG-KR73 with 19mm Shaft to machine bore size 5-16 mm(Rated Torque 16 Nm Max Torque 32Nm)	£64.00
266210	EKL 00010B011.000-0XX.XXY	HG-SR524 with 11mm Shaft to machine bore size 5-16 mm (Rated Torque 16 Nm Max Torque 32 Nm)	£64.00
266211	EKL 00010B011.000-0XX.XXY	HG-SR1024 with 11mm Shaft to machine bore size 5-16 mm (Rated Torque 16 Nm Max Torque 32 Nm)	£64.00
266212	EKL 00010B011.000-0XX.XXY	HG-SR1524 with 11mm Shaft to machine bore size 5-16mm (Rated Torque 16Nm Max Torque 32 Nm)	£64.00
266213	EKL 00010B011.000-0XX.XXY	HG-SR2024 with 11mm Shaft to machine bore size 5-16 mm (Rated Torque 16 Nm Max Torque 32Nm)	£64.00
266214	EKL 00020B035.000-0XX.XXY	HG-SR3524 with 35mm Shaft to machine bore size 8-25 mm (Rated Torque 21 Nm Max Torque 42 Nm)	£73.00
266215	EKL 00060B035.000-0XX.XXY	HG-SR5024 with 35mm Shaft to machine bore size 12-32mm (Rated Torque 75 Nm Max Torque 150Nm)	£103.00
266217	EKL 00060B035.000-0XX.XXY	HG-SR7024 with 35mm Shaft to machine bore size 12-32 mm (Rated Torque 75 Nm Max Torque 150 Nm)	£103.00
266218	EKL 00060B016.001-0XX.XXY	HG-JR534 with 16mm Shaft to machine bore size 12-32mm (Rated Torque 75 Nm Max Torque 150 Nm)	£103.00
266219	EKL 00060B016.001-0XX.XXY	HG-JR734 with 16mm Shaft to machine bore size 12-32mm (Rated Torque 75 Nm Max Torque 150 Nm)	£103.00
266220	EKL 00060B016.001-0XX.XXY	HG-JR1034 with 16mm Shaft to machine bore size 12-32 mm (Rated Torque 75 Nm Max Torque 150 Nm)	£103.00
266221	EKL 00060B016.001-0XX.XXY	HG-JR1534 with 16mm Shaft to machine bore size 12-32 mm (Rated Torque 75Nm Max Torque 150 Nm)	£103.00
266222	EKL 00060B016.001-0XX.XXY	HG-JR2034 with 16mm Shaft to machine bore size 12-32mm Rated Torque 75 Nm Max Torque 150 Nm)	£103.00
266223	EKL 00060B028.000-0XX.XXY	HG-JR3534 with 28mm Shaft to machine bore size 12-32mm (Rated Torque 75Nm Max Torque 150 Nm)	£103.00
266224	EKL 00060B028.000-0XX.XXY	HG-JR5034 With 28mm Shaft to machine bore size 12-32Nm (Rated Torque 75Nm Max Torque 150 Nm)	£103.00

NOTE: When ordering a coupling please specify the machine side bore diameter and smooth or Keyway connection

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

PROGRAMMING SOFTWARE POSITION AND MOTION CONTROLLERS

Q-Motion Controller Programming Software

217735	MT Developer 2-E	Q-Motion Controller programming software	£1,172.00
217736	MT Developer 2-MQ-E	Single axis Motion Controller MR-MQ100 software	£312.00

Position Controller Programming Software

147091	GX Configurator QP	Programming software for the QD75P / QD75D and QD75M series positioning modules	£347.00
189283	FX Configurator FP	Programming software for FX3U-20SSC-H SSCNET III Positioning Module	£117.00

Servo Set-up Software

113863	SERVOCOM + CAB	Servo set-up software with communication connection cable	£241.00
149284	SERVOCOM SOFTWARE CD	Servo set-up software only for MR-C, MR-J2, MR-J2S, MR-J3, MR-ES	£122.00
251540	MR Configurator 2	Servo controller configuration and tuning software (MR-J3 series)	£347.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------

RV-F / RP-AH ROBOTS

MELFA Multi-axis Industrial Robots

RV-FD series industrial Robots

255212	RV-2F-D1-S16	Industrial Robot RV-2F-D 6-axis; ±0,02mm; 2kg; 504mm; IP30; incl. CR750;no brake	£16,100.00
255211	RV-2FB-D1-S15	Industrial Robot RV-2F-D 6-axis; ±0,02mm; 2kg; 504mm; IP30; incl. CR750	£21,100.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
255267	RV-4FM-D1-S15	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP67; incl. CR750	£22,900.00
255268	RV-4FLM-D1-S15	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP67; incl. CR750	£23,760.00
255275	RV-7FM-D1-S15	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP67; incl. CR750	£27,840.00
255276	RV-7FLM-D1-S15	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP67; incl. CR750	£29,200.00
235687	RV-12SD (CR2D)	MELFA 6-axis; $\pm 0,05$ mm; 12kg; 1086mm; 9.600mm/s; IP65/54; including drive unit	£29,908.00
235688	RV-12SDL (CR2D)	MELFA 6-Axis; $\pm 0,05$ mm; 12kg; 1384mm; 9.500mm/s; IP65/54; including drive unit	£33,358.00
212396	RV-18SD (CR3D)	MELFA 6-axis; $\pm 0,05$ mm; 18kg; 1086mm; 9.600mm/s; IP65/54; including drive unit	£44,200.00

NOTE : Does not include I/O

RV-FQ series industrial Robots for iQ platform

255214	RV-2F-Q1-S16	Industrial Robot RV-2F-Q 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750; no brake	£16,100.00
255213	RV-2FB-Q1-S15	Industrial Robot RV-2F-Q 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750	£21,100.00
255271	RV-4FM-Q1-S15	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP67; incl. CR750	£22,900.00
255272	RV-4FLM-Q1-S15	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP67; incl. CR750	£23,760.00
255279	RV-7FM-Q1-S15	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP67; incl. CR750	£27,840.00
255280	RV-7FLM-Q1-S15	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP67; incl. CR750	£29,200.00
235697	RV-12SQ (CR2D)	MELFA 6-axis; $\pm 0,05$ mm; 12kg; 1086mm; 9.600mm/s; IP65/54; including drive unit and iQ controller	£29,908.00
235698	RV-12SQL (CR2D)	MELFA 6-Axis; $\pm 0,05$ mm; 12kg; 1384mm; 9.500mm/s; IP65/54; including drive unit and iQ controller	£33,358.00

NOTE : Does not include I/O

MELFA SCARA Industrial Robots

RH-FD series industrial Robots

250377	RH-3FH5515-D1-S15 (CR750)	MELFA 4-axis; $\pm 0,02$ mm; 3 kg; 550mm/150mm; IP20; including drive unit	£16,430.00
250383	RH-6FH5520-D1-S15 (CR750)	MELFA 4-axis; $\pm 0,02$ mm; 6 kg; 550mm/200mm; IP54; including drive unit	£18,275.00
254375	RH-12FH5535N-D1-S15	Industrial Robot RH-12FH-D 4-axis; $\pm 0,012$ mm; 12kg; 550/350mm; incl. CR750	£21,700.00
254377	RH-12FH8535N-D1-S15	Industrial Robot RH-12FH-D 4-axis; $\pm 0,015$ mm; 12kg; 850/350mm; incl. CR750	£21,700.00
254380	RH-12FH8545N-D1-S15	Industrial Robot RH-12FH-D 4-axis; $\pm 0,015$ mm; 12kg; 850/450mm; incl. CR750	£22,900.00
254387	RH-20FH8535N-Q1-S15	Industrial Robot RH-20FH-D 4-axis; $\pm 0,015$ mm; 20kg; 850/350mm; incl. CR750	£24,100.00
254388	RH-20FH10035N-D1-S15	Industrial Robot RH-20FH-D 4-axis; $\pm 0,02$ mm; 20kg; 1000/350mm; incl. CR750	£24,100.00
254390	RH-20FH10045N-D1-S15	Industrial Robot RH-20FH-D 4-axis; $\pm 0,02$ mm; 20kg; 1000/450mm; incl. CR750	£25,300.00

NOTE : Does not include I/O

RH-FQ series industrial Robots for iQ platform

250380	RH-3FH5515-Q1-S15 (CR750)	MELFA 4-axis; $\pm 0,02$ mm; 3 kg; 550mm/150mm; IP20; including drive unit	£16,430.00
250389	RH-6FH5520-Q1-S15 (CR750)	MELFA 4-axis; $\pm 0,02$ mm; 6 kg; 550mm/200mm; IP54; including drive unit	£18,275.00
254381	RH-12FH5535N-Q1-S15	Industrial Robot RH-12FH-Q 4-axis; $\pm 0,012$ mm; 12kg; 550/350mm; incl. CR750	£21,700.00
254383	RH-12FH8535N-Q1-S15	Industrial Robot RH-12FH-Q 4-axis; $\pm 0,015$ mm; 12kg; 850/350mm; incl. CR750	£21,700.00
254391	RH-20FH8535N-Q1-S15	Industrial Robot RH-20FH-Q 4-axis; $\pm 0,015$ mm; 20kg; 850/350mm; incl. CR750	£24,100.00
254392	RH-20FH10035N-Q1-S15	Industrial Robot RH-20FH-Q 4-axis; $\pm 0,02$ mm; 20kg; 1000/350mm; incl. CR750	£24,100.00
254394	RH-20FH10045N-Q1-S15	Industrial Robot RH-20FH-Q 4-axis; $\pm 0,02$ mm; 20kg; 1000/450mm; incl. CR750	£25,300.00

NOTE : Does not include I/O

RP-AH series industrial Robots

252843	RP-1ADH-S15 (CR1D)	MELFA 4-axis; 1 kg; including drive unit and manual	£18,685.00
252844	RP-3ADH-S15 (CR1D)	MELFA 4-axis; 3 kg; including drive unit and manual	£22,000.00
252885	RP-5ADH-S15 (CR1D)	MELFA 4-axis; 5 kg; including drive unit and manual	£24,000.00

NOTE : Does not include I/O

RH-SDHR series industrial Robots

237390	RH-3SDHR3515 (CR2D)	MELFA 4-axis; ceiling mounted, 3 kg; including drive unit	£23,200.00
250351	RH-3SDHR3512W-S15 (CD2D)	MELFA 4-axis; ceiling mounted IP65, 3 kg; including drive unit	£26,876.00
250353	RH-3SDHR3512C-S15	MELFA 4-axis; ceiling mounted clean room 3 kg; including drive unit	£26,515.00

NOTE : Does not include I/O

RH-SQHR series industrial Robots for iQ platform

237391	RH-3SQHR3515 (CR2D)	MELFA 4-axis; ceiling mounted, 3 kg; including drive unit and iQ controller	£23,200.00
250352	RH-3SQHR3512W-S15 (CR2D)	MELFA 4-axis; ceiling mounted IP65, 3 kg; including drive unit and iQ controller	£26,876.00
250354	RH-3SQHR3512C-S15 (CR2D)	MELFA 4-axis; ceiling mounted clean room 3 kg; including drive unit and iQ controller	£26,515.00

NOTE : Does not include I/O

Robot Options

Robot software

218855	RT toolbox2 sim	Robot Programming- and Simulation-Software; for SD series	£1,000.00
218856	RT toolbox2 standard	Robot Programming software	£200.00
206076	MELFA WORKS	Robot simulation add-on for SOLID WORKS	£1,390.00
206077	MELFA VISION	Support software for COGNEX vision system	£434.00

Teaching boxes

124656	R28TB	Text based Teach Box S - Series	£1,377.00
193409	R46TB	Graphic Teach Box S - Series	£2,366.00
214968	R32TB	Text based Teach Box SD / SQ / F - Series	£1,314.00
218854	R56TB	Graphic Teach Box SD / SQ / F - Series	£2,366.00
218863	2D-28CON05M	R28TB and R46TB adapter cable to SD / SQ / F - Series	£492.00

Handsets

129874	4A-HM01	Standard hand set (electrical; including control card and adapter)	£2,393.00
129873	4A-HP01E	Standard hand set (pneumatic; including control card)	£2,257.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Pneumatic valves			
129780	1A-VD01E-RP	Pneumatic single valve set including noise-inferior (1 Valve AH series)	£138.00
129781	1A-VD02E-RP	Pneumatic double valve set including noise-inferior (2 Valves AH series)	£224.00
129792	1A-VD03E-RP	Pneumatic triple valve set including noise-inferior (3 Valves AH series)	£285.00
129793	1A-VD04E-RP	Pneumatic quadruple valve set including noise-inferior (4 Valves AH series)	£388.00
47397	RV-E-1E-VD01E	Pneumatic single valve set including noise-inferior (1 Valve A series)	£183.00
47398	RV-E-1E-VD02E	Pneumatic double valve set including noise-inferior (2 Valves A series)	£285.00
69124	RV-E-1E-VD03E	Pneumatic triple valve set including noise-inferior (3 Valves A series)	£290.00
153057	1S-VD01E-01 valve set	Pneumatic single valve set including noise-inferior (1 Valve 12SD(L))	£341.00
153058	1S-VD02E-01 valve set	Pneumatic double valve set including noise-inferior (2 Valves 12SD(L))	£498.00
153059	1S-VD03E-01 valve set	Pneumatic triple valve set including noise-inferior (3 Valves 12SD(L))	£637.00
153062	1S-VD04E-01 valve set	Pneumatic quadruple valve set including noise-inferior (4 Valves 12SD(L))	£777.00
153074	1S-VD01E-02 valve set	Pneumatic single valve set including noise-inferior (1 Valve 3SD/6SD(L))	£163.00
153075	1S-VD02E-02 valve set	Pneumatic double valve set including noise-inferior (2 Valves 3SD/6SD(L))	£258.00
153076	1S-VD03E-02 valve set	Pneumatic triple valve set including noise-inferior (3 Valves 3SD/6SD(L))	£334.00
153077	1S-VD04E-02 valve set	Pneumatic quadruple valve set including noise-inferior (4 Valves 3SD/6SD(L))	£449.00
166278	1S-VD01ME-03 valve set	Pneumatic single valve set including noise-inferior (1 Valve 12SDH)	£525.00
166279	1S-VD02ME-03 valve set	Pneumatic double valve set including noise-inferior (2 Valves 12SDH)	£617.00
166280	1S-VD03ME-03 valve set	Pneumatic triple valve set including noise-inferior (3 Valves 12SDH)	£707.00
166281	1S-VD04ME-03 valve set	Pneumatic quadruple valve set including noise-inferior (4 Valves 12SDH)	£799.00
166274	1S-VD01ME-04 valve set	Pneumatic single valve set including noise-inferior (1 Valve 6SDH)	£229.00
166275	1S-VD02ME-04 valve set	Pneumatic double valve set including noise-inferior (2 Valves 6SDH)	£274.00
166276	1S-VD03ME-04 valve set	Pneumatic triple valve set including noise-inferior (3 Valves 6SDH)	£308.00
166277	1S-VD04ME-04 valve set	Pneumatic quadruple valve set including noise-inferior (4 Valves 6SDH)	£377.00
238375	1S-VD04E-05 Valve Set	Pneumatic quadruple valve set including noise-inferior (4 Valves RH-3SDHR)	£554.00
Pneumatic valves F series			
255285	1F-GR35S-02	RV-4F/RV-7F Hand output cable	£175.00
255286	1F-HC35S-02	RV-4F/RV-7F Hand input cable	£175.00
255281	1F-VD01E-02	RV-F Pneumatic single valve set incl. noise-inferior	£165.00
255282	1F-VD02E-02	RV-F Pneumatic double valve set incl. noise-inferior	£273.00
255283	1F-VD03E-02	RV-F Pneumatic triple valve set incl. noise-inferior	£384.00
255284	1F-VD04E-02	RV-F Pneumatic quadruple valve set incl. noise-inferior	£492.00
Interface cards: Communication - auxiliary axes			
124658	2A-RZ371	I/O-Interface: 32 inputs /32 Outputs (decentral I/O)	£348.00
124657	2A-RZ375	Pneumatic-hand-interface for four pneumatic valve	£161.00
129875	2A-RZ364	Electrical hand interface card	£237.00
259885	2D-TZ535	CC-Link interface-card SD & F series	£788.00
218861	2D-TZ577	PROFIBUS interface-card SD & F series	£788.00
218862	2D-TZ378	I/O-Interface: 32 inputs /32 Outputs (Internal I/O) SD & F series	£308.00
237660	2D-TZ571	DeviceNet Slave Interface card SD & F series	£788.00
266356	2D-Z535+AB6314	Ethernet IP Slave Interface card SD & F series	£788.00
256964	4F-FS001-W200	Force Sensor Set 4F-FS001-W200	£8,918.00
Other accessories			
132101	1A-GHCD	Spiral connector cable for electric and pneumatic hand	£287.00
129778	1A-GR200-RP	Hand signal output cable	£170.00
129876	1A-HA01	Hand flange adapter	£119.00
129877	1A-HC20	Hand input cable 200mm	£113.00
129779	1A-HC200-RP	Hand signal input cable	£183.00
153078	1S-GR35S-01	Hand signal output cable	£235.00
166272	1S-GR35S-02	Hand signal output cable	£218.00
166273	1S-HC35C-02	Hand signal input cable	£218.00
153079	1S-HC35C-02	Hand signal input cable RH-6SDH/12SDH/18SDH/20SDH85	£233.00
238376	1S-HC00S-01	Hand signal input cable RH-3SQHR	£205.00
238377	1S-ST0304S	Hand curl tube RH-3SQHR	£205.00
129875	2A-RZ364	Electrical hand interface card	£237.00
132112	R-SMR-09V-B	Hand output connector including contacts (black)	£12.00
132113	R-SMR-10V-N	Hand input connector including contacts (white)	£12.00
143798	R-SMR-02V-B	Valve connection plug, including contacts	£4.00
164815	Hand INPUT connector	Hand signal Input connector (6pin) for RV-S and RH-SH	£6.00
164814	Hand OUTPUT connector	Hand signal Output connector (8pin) for RV-S and RH-SH	£8.00
47391	RV-E-1E-GR35S	Connection cable for customer specific valves	£216.00
139394	1A-HM01	Electrical replacement hand	£2,199.00
139393	1A-HP01E	Pneumatic replacement hand	£2,199.00
47390	RV-E-1E-ST0402C	Tube for single pneumatic hand	£274.00
47389	RV-E-1E-ST0404C	Tube for double pneumatic hand	£404.00
Accessories for RH-F Series CR750 & CR751			
250467	1F-GR60S-01	RH-FH Hand output cable (1050 mm)	£195.00
250468	1F-HS304S-01	RH-3FH Internal Wiring/Piping set for hand	£349.00
250469	1F-HS408S-01	RH-6FH Internal Wiring/Piping set for hand (200mm Z-Stroke)	£349.00
250470	1F-VD01E-01	RH-FH Pneumatic single valve set incl. noise-inferior	£185.00
250471	1F-VD02E-01	RH-FH Pneumatic double valve set incl. noise-inferior	£308.00
250472	1F-VD03E-01	RH-FH Pneumatic triple valve set incl. noise-inferior	£427.00
250473	1F-VD04E-01	RH-FH Pneumatic quadruple valve set incl. noise-inferior	£549.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
250474	1F-HC35C-01	RH-FH Hand input cable	£195.00
250485	R57TB	Graphic based Teach Box F-Series CR751 controller, (20 pin connector)	£2,805.00
251104	1F-UT-BOX	RH-FH External Wiring/Piping box	£416.00
251454	1F-HS408S-02	RH-6FH Internal Wiring/Piping set for hand (340mm Z-Stroke)	£954.00
251455	CR750-MB	Controller protection box	£1,592.00
251456	1F-JS-01	RH-6FH Bellow for 200mm Z-Axis (black)	£1,093.00
251457	1F-JS-02	RH-6FH Bellow for 340mm Z-Axis (black)	£1,912.00
251458	1F-JS-03	RH-6FH Bellow for 200mm Z-Axis (white)	£1,369.00
251459	1F-JS-04	RH-6FH Bellow for 340mm Z-Axis (white)	£2,187.00
254395	1F-HC35C-02	RH-FH Hand input cable (1800 mm)	£175.00
254396	1F-HS604S-01	RH-12FH/20FH Internal Wiring/Piping set for hand (350mm Z-Stroke)	£488.00
254397	1F-HS604S-02	RH-12FH/20FH Internal Wiring/Piping set for hand (450mm Z-Stroke)	£488.00
254398	1F-UT-BOX-01	CR750 Controller Protection Box	£364.00
255689	1F-JS-05	RH-12FH Bellow for 350mm Z-Axis (black)	£1,789.00
255690	1F-JS-06	RH-12FH Bellow for 450mm Z-Axis (black)	£1,920.00
255691	1F-JS-07	RH-12FH Bellow for 350mm Z-Axis (white)	£2,078.00
255692	1F-JS-08	RH-12FH Bellow for 450mm Z-Axis (white)	£2,264.00
255693	1F-JS-09	RH-20FH Bellow for 350mm Z-Axis (black)	£1,824.00
255694	1F-JS-10	RH-20FH Bellow for 450mm Z-Axis (black)	£1,955.00
255695	1F-JS-11	RH-20FH Bellow for 350mm Z-Axis (white)	£2,115.00
255696	1F-JS-12	RH-20FH Bellow for 450mm Z-Axis (white)	£2,300.00

Service parts

4077	A6BAT	Battery for Robot Arms	£44.50
130376	Q6BAT	Battery for Robot Controllers	£25.00
131168	ER6	CR1 and CR2 Controller Battery (ER6 BKO-NC2157H01)	£19.50
134335	HM32 3.2 A	Fuse HM32	£7.00
131167	LM05 0.5A	Fuse LM05	£2.00
64687	RV-E-Fuse-Pneu	Fuse for the pneumatic hand interface card; 1.6A	£4.00
32303	RV-E-Fuse-I/O (LM32)	Fuse for the digital input/output card; 3.2A	£3.00
64978	Robot grease SK1A 0.2 Kg	Grease SK1A for robot gears	£32.00
132642	Robot grease 4BH02 0.1 Kg	Grease 4BH02 for robot gears	£14.00
131763	Robot grease PS No.2 0,1 Kg	Grease PS No.2 for robot gears	£14.00

Extension cables

149006	Cable Flex 5m	Flexible cable Robot - Robot controller; 5 m	£1,173.00
149009	Cable Flex 11m	Flexible cable Robot - Robot controller; 11 m	£1,564.00
149010	Cable Flex 15m	Flexible cable Robot - Robot controller; 15 m	£1,821.00
155827	1S-05CBL-01	Extension cable robot arm to controller; 5m	£638.00
155830	1S-10CBL-01	Extension cable robot arm to controller; 10m	£1,029.00
155665	1S-15CBL-01	Extension cable robot arm to controller; 15m	£1,408.00
157582	1S-05LCBL-01	Flexible Extension cable robot arm to controller; 5m	£1,597.00
157583	1S-10LCBL-01	Flexible Extension cable robot arm to controller; 10m	£2,380.00
157594	1S-15LCBL-01	Flexible Extension cable robot arm to controller; 15m	£3,150.00
165967	1S-05CBL-03	Extension cable robot arm to controller; 5m	£602.00
165968	1S-10CBL-03	Extension cable robot arm to controller; 10m	£878.00
165969	1S-15CBL-03	Extension cable robot arm to controller; 15m	£1,298.00
165970	1S-05LCBL-03	Flexible Extension cable robot arm to controller; 5m	£1,506.00
165971	1S-10LCBL-03	Flexible Extension cable robot arm to controller; 10m	£2,257.00
165972	1S-15LCBL-03	Flexible Extension cable robot arm to controller; 15m	£3,016.00
170041	EUROMAP 67 interface box 32	I/O EUROMAP 67 interface with 32pin Harting connector	£2,602.00
170042	EUROMAP 67 interface box 50	I/O EUROMAP 67 interface with 50pin Harting connector	£2,737.00
170043	EUROMAP 67 interface box 32 PLC	I/O EUROMAP 67 interface additional PLC function and 32pin Harting connector	£2,983.00
170044	EUROMAP 67 interface box 50 PLC	I/O EUROMAP 67 interface additional PLC function and 50pin Harting connector	£3,127.00

Miscellaneous accessories

129878	CR1-EB3	Option box for CR1 controller	£548.00
55653	RV-CAB4	Connection cable PC - drive unit (RS232C serial); 25/9 pin	£34.00
47387	RV-E-E/A-cable 5	I/O-port cable with connector; 5m	£85.50
59947	RV-E-E/A-cable 15	I/O-port cable with connector; 5m	£135.00
22435	RV-E-HND-ADAP	Hand flange adapter	£98.50
129876	1A-HA01	Hand flange adapter	£119.00
49204	RV-E-SIM BOX	Simulation box for digital I/O-port	£703.00
47388	RV-E-1E-INST	Calibration jig	£1,039.00
145715	RH-CAL	Calibration pin	£56.50
14630	RV-ST-E/A	I/O port connection plug	£5.00
204294	R46TB wall bracket	R46TB Wall bracket	£103.00
230285	2D-LOADAP-CBL	I/O conversion cable from CRn-500 series to CRnD-700 series	£189.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
ACB AE-SW			
Main Units			
Basic Breaker 3-pole Fixed type			
168373	AE1000-SW 3P FIXED, ETRBASE-P3, AX10	In max = 1000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£1,463.00
168435	AE1250-SW 3P FIXED, ETRBASE-P3, AX10	In max = 1250A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£1,843.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
168437	AE1600-SW 3P FIXED, ETRBASE-P3, AX10	In max = 1600A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£2,251.00
168439	AE2000-SWA 3P FIXED, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£2,684.00
168443	AE2000-SW 3P FIXED, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£3,114.00
168445	AE2500-SW 3P FIXED, ETRBASE-P3, AX10	In max = 2500A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£3,768.00
168447	AE3200-SW 3P FIXED, ETRBASE-P3, AX10	In max = 3200A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£5,260.00
168449	AE4000-SWA 3P FIXED, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£6,969.00
205144	AE4000-SW 3P FIXED, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£10,712.00
205145	AE5000-SW 3P FIXED, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£12,291.00
205146	AE6300-SW 3P FIXED, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£13,176.00
Basic Breaker 4-pole Fixed type			
168434	AE1000-SW 4P FIXED, ETRBASE-P3, AX10	In max = 1000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£2,195.00
168436	AE1250-SW 4P FIXED, ETRBASE-P3, AX10	In max = 1250A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£2,554.00
168438	AE1600-SW 4P FIXED, ETRBASE-P3, AX10	In max = 1600A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£3,012.00
168440	AE2000-SWA 4P FIXED, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£3,664.00
168444	AE2000-SW 4P FIXED, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£4,314.00
168446	AE2500-SW 4P FIXED, ETRBASE-P3, AX10	In max = 2500A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£5,298.00
168448	AE3200-SW 4P FIXED, ETRBASE-P3, AX10	In max = 3200A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£6,912.00
168450	AE4000-SWA 4P FIXED, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£9,082.00
205147	AE4000-SW HN 4P FIXED, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£16,307.00
205148	AE4000-SW FN 4P FIXED, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£20,198.00
205149	AE5000-SW HN 4P FIXED, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£16,307.00
205150	AE5000-SW FN 4P FIXED, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£20,198.00
205151	AE6300-SW HN 4P FIXED, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£16,314.00
205152	AE6300-SW FN 4P FIXED, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£20,209.00
Basic Breaker 3-pole Drawout type			
168441	AE2000-SWA 3P D/O, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£3,649.00
168451	AE4000-SWA 3P D/O, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£9,479.00
205153	AE4000-SW 3P D/O, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£17,512.00
205154	AE5000-SW 3P D/O, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£19,091.00
205155	AE6300-SW 3P D/O, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£19,976.00
Basic Breaker 4-pole Drawout type			
168442	AE2000-SWA 4P D/O, ETRBASE-P3, AX10	In max = 2000A; Icu = Ics = 65kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£4,981.00
168452	AE4000-SWA 4P D/O, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 85kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£12,352.00
205156	AE4000-SW HN 4P D/O, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£25,010.00
205157	AE4000-SW FN 4P D/O, ETRBASE-P3, AX10	In max = 4000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£29,880.00
205158	AE5000-SW HN 4P D/O, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£25,010.00
205159	AE5000-SW FN 4P D/O, ETRBASE-P3, AX10	In max = 5000A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£29,880.00
205160	AE6300-SW HN 4P D/O, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£25,021.00
205161	AE6300-SW FN 4P D/O, ETRBASE-P3, AX10	In max = 6300A; Icu = Ics = 130kA on AC 500V; with relay base; with Auxiliary switch 5a5b	£29,892.00
ACB Disconnecter Body IAN20107			
Disconnecter 3-pole Fixed type			
193919	AE1000-SW 3P, BARE, FIXED, AX10	In max = 1000A; Icw (1s) = 65kA; with Auxiliary switch 5a5b	£1,403.00
193921	AE1250-SW 3P, BARE, FIXED, AX10	In max = 1250A; Icw (1s) = 65kA; with Auxiliary switch 5a5b	£1,519.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
193923	AE1600-SW 3P, BARE, FIXED, AX10	In max = 1600A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£1,938.00
193925	AE2000-SWA 3P, BARE, FIXED, AX10	In max = 2000A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£2,636.00
193929	AE2000-SW 3P, BARE, FIXED, AX10	In max = 2000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£2,749.00
193931	AE2500-SW 3P, BARE, FIXED, AX10	In max = 2500A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£3,364.00
193933	AE3200-SW 3P, BARE, FIXED, AX10	In max = 3200A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£4,222.00
193935	AE4000-SWA 3P, BARE, FIXED, AX10	In max = 4000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£6,741.00
Disconnecter 4-pole Fixed type			
193920	AE1000-SW 4P, BARE, FIXED, AX10	In max = 1000A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£2,022.00
193922	AE1250-SW 4P, BARE, FIXED, AX10	In max = 1250A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£2,249.00
193924	AE1600-SW 4P, BARE, FIXED, AX10	In max = 1600A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£2,831.00
193926	AE2000-SWA 4P, BARE, FIXED, AX10	In max = 2000A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£3,762.00
193930	AE2000-SW 4P, BARE, FIXED, AX10	In max = 2000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£4,106.00
193932	AE2500-SW 4P, BARE, FIXED, AX10	In max = 2500A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£4,988.00
193934	AE3200-SW 4P, BARE, FIXED, AX10	In max = 3200A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£6,287.00
193936	AE4000-SWA 4P, BARE, FIXED, AX10	In max = 4000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£8,853.00
Disconnecter 3-pole Drawout type			
193927	AE2000-SWA 3P, BARE, D/O, AX10	In max = 2000A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£3,023.00
193937	AE4000-SWA 3P, BARE, D/O, AX10	In max = 4000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£8,578.00
Disconnecter 4-pole Drawout type			
193928	AE2000-SWA 4P, BARE, D/O, AX10	In max = 2000A; lcw (1s) = 65kA; with Auxiliary switch 5a5b	£4,494.00
193938	AE4000-SWA 4P, BARE, D/O, AX10	In max = 4000A; lcw (1s) = 75kA; with Auxiliary switch 5a5b	£11,403.00
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
AE-SW Accessories			
Auxiliary switches - Standard type			
168962	AX-10-W	Auxiliary switch 5a5b	£153.00
Auxiliary switches - HAX type			
168961	HAX-10-W	Auxiliary switch 5a5b for high DC capacity	£262.00
Shunt trip devices SHT type			
168522	SHT-AD250-W	AC/DC 100 - 250V	£115.00
168523	SHT-A500-W	AC/DC 380 - 500V	£115.00
168524	SHT-D048-W	DC 24 - 48V	£115.00
Closing coils CC type			
168520	CC-AD250-W	AC/DC 100 - 250V	£135.00
168521	CC-D048-W	DC 24 - 48V	£163.00
Motor devices - MD type			
168514	MD-AD125-W	Charging device AC/DC 100 - 125V	£310.00
168515	MD-AD250-W	Charging device AC/DC 200 - 250V	£310.00
168516	MD-AD125-4A4W	Charging device AC/DC 100 - 125V (only for AE4000-SWA 4P)	£310.00
168517	MD-AD250-4A4W	Charging device AC/DC 200 - 250V (only for AE4000-SWA 4P)	£310.00
168518	MD-D024-W	Charging device DC 24V	£428.00
168519	MD-D048-W	Charging device DC 48V	£428.00
Under voltage trip devices UVT type			
168525	UVT-COIL-W	Trip coil for UVT controller	£72.00
168526	UCON-LABEL-W	Label for Under voltage trip controller	£11.50
203341	UCON-D024B-W (INST)	Controller DC 24V Inst. trip (Time delay adjustable), b-contact	£310.00
203342	UCON-D048B-W (INST)	Controller DC 48V Inst. trip (Time delay adjustable), b-contact	£310.00
203343	UCON-D0110B-W (INST)	Controller DC 100 - 110V Inst. trip (Time delay adjustable), b-contact	£310.00
203344	UCON-D125B-W (INST)	Controller DC 120 - 125V Inst. trip (Time delay adjustable), b-contact	£310.00
203345	UCON-D250B-W (INST)	Controller DC 220 - 250V Inst. trip (Time delay adjustable), b-contact	£310.00
203346	UCON-A120B-W (INST)	Controller AC 100 - 120V Inst. trip (Time delay adjustable), b-contact	£310.00
203347	UCON-A240B-W (INST)	Controller AC 200 - 240V Inst. trip (Time delay adjustable), b-contact	£310.00
203348	UCON-A460B-W (INST)	Controller AC 380 - 460V Inst. trip (Time delay adjustable), b-contact	£543.00
203340	UCON-A240A-W (INST)	Controller AC 200 - 240V Inst. trip (Time delay adjustable), a-contact	£310.00
Trip Coil			
168535	TCA-AL-W	Trip coil (Auto reset type) with OCR alarm	£74.00
168536	TCM-AL-W	Trip coil (Manual reset type) with OCR alarm	£85.50
Push button cover			
168537	BCL-W	Push button cover	£27.50
Counter			
168538	CNT-W	Counter	£153.00
Cylinder lock with key			
168539	CYL-WK-W	Lock with key No. (#R0220)	£173.00
168540	CYL-WK1-W	Lock with key No. (#R501)	£173.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
168541	CYL-WK2-W	Lock with key No. (#R502)	£173.00
168542	CYL-WK3-W	Lock with key No. (#R503)	£173.00
168543	CYL-WK4-W	Lock with key No. (#R504)	£173.00
Castell lock Fitting Mechanism (Supplied without Lock and Key)			
168544	CAL-NK-W	Castel lock without key - Lock and Key must be ordered separately	£115.00
Door interlocks for drawout type			
168546	DI-D-W	For drawout type	£462.00
Door interlocks for fixed type			
168545	DI-F-W	For fixed type	£485.00
Door frame			
168513	DF-W	Door frame	£53.50
Dust cover			
168960	DUC-W	Dust cover	£950.00
Intherphase barrier			
169329	BA-3-W	Inter-phase barrier for 3-pole breakers (1 Set = 2 pcs)	£11.50
169330	BA-4-W	Inter-phase barrier for 4-pole breakers (1 Set = 2 pcs)	£15.50
Mechanical interlock device			
168967	MI-203D-W	Device for 3-pole drawout breakers AE1000-SW - AE1600-SW, AE2000-SWA	£310.00
168968	MI-204D-W	Device for 4-pole drawout breakers AE1000-SW - AE1600-SW, AE2000-SWA	£335.00
168969	MI-403D-W	Device for 3-pole drawout breakers AE2000-SW - AE3200-SW, AE4000-SWA	£310.00
168970	MI-404D-W	Device for 4-pole drawout breakers AE2000-SW - AE3200-SW, AE4000-SWA	£335.00
168963	MI-203F-W	Device for 3-pole fixed breakers AE1000-SW - AE1600-SW, AE2000-SWA	£310.00
168964	MI-204F-W	Device for 4-pole fixed breakers AE1000-SW - AE1600-SW, AE2000-SWA	£335.00
168965	MI-403F-W	Device for 3-pole fixed breakers AE2000-SW - AE3200-SW, AE4000-SWA	£310.00
168966	MI-404F-W	Device for 4-pole fixed breakers AE2000-SW - AE3200-SW, AE4000-SWA	£335.00
168971	MI-IW-W	Wire set for up to 3 breakers	£160.00
Terminal cover			
168549	TTC-D-W	For drawout type breakers	£24.50
170082	TTC-F-W	For fixed type breakers	£24.50
Cell switch			
168512	CL-4-W	Cell switch 2C1T1D	£239.00
Shorting B-contact			
168548	SBC-1-W	Shorting b-contact for 1 NC Auxiliary switch (mountable at cradle)	£56.50
202337	SBC-2-W	Shorting b-contact for 2 NC Auxiliary switch (mountable at cradle)	£68.00
202338	SBC-3-W	Shorting b-contact for 3 NC Auxiliary switch (mountable at cradle)	£79.00
202339	SBC-4-W	Shorting b-contact for 4 NC Auxiliary switch (mountable at cradle)	£91.50
202340	SBC-5-W	Shorting b-contact for 5 NC Auxiliary switch (mountable at cradle)	£100.50
Safety shutter			
168973	SST-203-W	For AE1000-1600-SW, AE2000-SWA 3-poles	£260.00
168975	SST-403-W	For AE2000-3200-SW, AE4000-SWA 3-poles	£284.00
168974	SST-204-W	For AE1000-1600-SW, AE2000-SWA 4-poles	£318.00
168976	SST-404-W	For AE2000-3200-SW, AE4000-SWA 4-poles	£336.00
168510	SST-LOCK-W	Shutter lock (for padlock)	£13.50
Mis-insertion preventer			
168547	MIP-W	Mis-insertion preventer (up to AE4000-SWA frame)	£49.00
Test jumper			
168977	TJ-W	Test jumper	£1,187.00
STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
Cradle			
170078	CRD163-W	Cradle with horizontal connections for AE1000-1600-SW 3 poles	£302.00
170080	CRD323-W	Cradle with horizontal connections for AE2000 - 3200-SW 3 poles	£347.00
170079	CRD164-W	Cradle with horizontal connections for AE1000-1600-SW 4 poles	£435.00
170081	CRD324-W	Cradle with horizontal connections for AE2000 - 3200-SW 4 poles	£485.00
Vertical terminal adapter			
168978	VTA-02-W	For AE1000-SW - AE1600-SW (1 pcs.)	£96.50
168979	VTA-03-W	For AE2000-SW - AE2500-SW (1 pcs.)	£180.00
168980	VTA-32-W	For AE3200-SW (1pcs.)	£215.00
Front terminal adapter set			
169337	FTA-163D-W	Front terminal adapter set for AE1000-SW - 1600-SW 3-pole drawout type (6 pcs.)	£570.00
169338	FTA-164D-W	Front terminal adapter set for AE1000-SW - 1600-SW 4-pole drawout type (8 pcs.)	£760.00
169339	FTA-253D-W	Front terminal adapter set for AE2000-SW - 2500-SW 3-pole drawout type (6 pcs.)	£1,068.00
169340	FTA-254D-W	Front terminal adapter set for AE2000-SW - 2500-SW 4-pole drawout type (8 pcs.)	£1,187.00
169341	FTA-323D-W	Front terminal adapter set for AE3200-SW 3-pole drawout type (6 pcs.)	£1,282.00
169342	FTA-324D-W	Front terminal adapter set for AE3200-SW 4-pole drawout type (8 pcs.)	£1,707.00
169331	FTA-163F-W	Front terminal adapter set for AE1000-SW - 1600-SW 3-pole fixed type (6 pcs.)	£570.00
169332	FTA-164F-W	Front terminal adapter set for AE1000-SW - 1600-SW 4-pole fixed type (8 pcs.)	£760.00
169333	FTA-253F-W	Front terminal adapter set for AE2000-SW - 2500-SW 3-pole fixed type (6 pcs.)	£1,068.00
169334	FTA-254F-W	Front terminal adapter set for AE2000-SW - 2500-SW 4-pole fixed type (8 pcs.)	£1,424.00
169335	FTA-323F-W	Front terminal adapter set for AE3200-SW 3-pole fixed type (6 pcs.)	£1,282.00
169336	FTA-324F-W	Front terminal adapter set for AE3200-SW 4-pole fixed type (8 pcs.)	£1,707.00
Part for reconstruction			
169004	REC-FD-W	Drawout mechanism with handle	£336.00
Front cover			
168981	COVER-203-W	Front cover for AE1000-1600-SW, AE2000-SWA 3-poles	£120.00
168982	COVER-204-W	Front cover for AE1000-1600-SW, AE2000-SWA 4-poles	£133.00
168983	COVER-403-W	Front cover for AE2000-3200-SW, AE4000-SWA 3-poles	£143.00
168984	COVER-404-W	Front cover for AE2000-3200-SW, AE4000-SWA 4-poles	£156.00
Drawout mechanism			
168511	DRMECHA-W	Drawout mechanism without handle	£87.50
Control circuit terminal			
168550	ATC1-W	On the breaker	£79.00
168551	ATC2-W	On the cradle	£96.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
ETR base			
169005	ETRBASE-W	Electronic Trip Relay - Base module	£239.00
Main setting plug			
168552	WS1-W	Main setting module for general protection use	£310.00
168553	WS2-W	Main setting module for general protection use (for AE2000-SWA and AE4000-SWA)	£310.00
168554	WM1-W	Main setting module for generator protection use	£357.00
168555	WM2-W	Main setting module for generator protection use (for AE2000-SWA and AE4000-SWA)	£357.00
168556	WB1-W	Main setting module INST/MCR only	£299.00
168557	WB2-W	Main setting module INST/MCR only (for AE2000-SWA and AE400-SWA)	£299.00
205180	WS3-W	Main setting module for general protection use (for AE6300-SW)	£310.00
205181	WM3-W	Main setting module for generator protection use (for AE6300-SW)	£357.00
205182	WB3-W	Main setting module INST/MCR only (for AE6300-SW)	£299.00
Optional setting module			
168558	G1-W	Optional setting module for ground fault protection	£120.00
168559	E1-W	Optional setting module for earth leakage protection	£120.00
168560	AP-W	Optional setting module for 2nd Additional Pre-alarm	£120.00
168561	NS-W	Optional setting module for Neutral pole 50% protection	£120.00
Extension module			
168564	EX1-W	Extension module for display and interface function	£286.00
Display			
168565	DP-1W	Display module	£335.00
168566	DP-2W	Display module onto panel board	£381.00
Measures unit			
168567	VT-W	VT unit enable to measures	£215.00
Power supply			
168985	PW3-W	Power supply AC 100-240V / DC 100-125V with output contact	£120.00
168562	PW4-W	Power supply DC 24 - 60V with output contact	£120.00
168563	PW5-W	Power supply DC 100 - 240V with output contact	£239.00
Network units			
168571	BIF-CC-W	Interface Unit - CC-Link	£595.00
168572	BIF-PR-W	Interface Unit - PROFIBUS-DP	£595.00
168573	BIF-MD-W	Interface Unit - Modbus	£595.00
168574	BIF-CON-W	I / O Unit for breaker remote control	£286.00
168575	BIF-CL-W	Drawout position switch for network	£191.00
MCR Switch			
168570	MCS-W	MCR Switch for MCR function	£120.00
Neutral current transformer			
168986	NCT-06-W	Transformer 630A	£215.00
168987	NCT-10-W	Transformer 1000A	£215.00
168988	NCT-12-W	Transformer 1250A	£215.00
168989	NCT-16-W	Transformer 1600A	£215.00
168990	NCT-20-W	Transformer 2000A	£215.00
168991	NCT-25-W	Transformer 2500A	£286.00
168992	NCT-32-W	Transformer 3200A	£286.00
168993	NCT-40-W	Transformer 4000A	£286.00
External Zero phase current transformer for load			
168994	ZCT-163-W	External Zero phase Current transformer for load for AE1000 - 1600 3-pole	£10,665.00
168995	ZCT-323-W	External Zero phase Current transformer for load for AE1000-1600 3,4-pole/AE2000-3200 3-pole	£13,033.00
168996	ZCT-324-W	External Zero phase Current transformer for load for AE2000-3200 3,4-pole	£14,217.00
External Zero phase current transformer for ground wire			
168997	ZT-15B-W	External Zero phase Current transformer for transformer ground wire 15mm diameter	£120.00
168998	ZT-30B-W	External Zero phase Current transformer for transformer ground wire 30mm diameter	£133.00
168999	ZT-40B-W	External Zero phase Current transformer for transformer ground wire 40mm diameter	£163.00
169000	ZT-60B-W	External Zero phase Current transformer for transformer ground wire 60mm diameter	£286.00
169001	ZT-80B-W	External Zero phase Current transformer for transformer ground wire 80mm diameter	£357.00
169002	ZT-100B-W	External Zero phase Current transformer for transformer ground wire 100mm diameter	£434.00
Current transformer and sensor coil			
193939	CT-06-W (025)	Current transformer and sensor coil 250A (Set for 1 pole) for AE1000-SS	£72.00
193940	CT-06-W (031)	Current transformer and sensor coil 315A (Set for 1 pole) for AE1000-SS	£72.00
193941	CT-06-W (050)	Current transformer and sensor coil 500A (Set for 1 pole) for AE1000-SS	£72.00
193942	CT-06-W (063)	Current transformer and sensor coil 630A (Set for 1 pole) for AE1000-SS	£72.00
193943	CT-10-W (100)	Current transformer and sensor coil 1000A (Set for 1 pole) for AE1000-SS	£74.00
193944	CT-12-W (125)	Current transformer and sensor coil 1250A (Set for 1 pole) for AE1250-SS	£85.50
193946	CT-20-W (125)	Current transformer and sensor coil 1250A (Set for 1 pole) for AE2000-SS	£96.50
193947	CT-20-W (160)	Current transformer and sensor coil 1600A (Set for 1 pole) for AE2000-SS	£96.50
193948	CT-20-W (200)	Current transformer and sensor coil 2000A (Set for 1 pole) for AE2000-SS	£96.50
193949	CT-25-W (250)	Current transformer and sensor coil 2500A (Set for 1 pole) for AE2500-SS	£98.50
Temperature alarm			
168568	TAL(3)-W	Temperature alarm sensor for 3 pole breaker	£335.00
168569	TAL(4)-W	Temperature alarm sensor for 4 pole breaker	£335.00
Test device			
233426	Y-2005	Field test device (Y2005)	£6,155.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
ME96 HIGH FUNCTION PANEL METER			
221596	ME96NSR	ME96 Panel Meter - Base module	£273.00
221597	ME96NSR-MB	ME96 Panel Meter - Built in Modbus	£359.00
221598	ME-4201-NS96	Pulse Output Device	£88.50
221599	ME-0040C-NS96	CC Link Interface	£185.00
221600	ME-0052-NS96	I/O extension block - Modbus only	£88.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
IQUBE PANEL METERS			
211620	iQube350CC PM	Multifunction Meter 350 CC link Panel Mount	£186.00
211621	iQube400CC PM	Multifunction Meter 400 CC link Panel Mount	£208.00
209832	iQube350M PM	Multifunction Meter 350 Modbus Panel Mount	£149.00
209833	iQube350M DR	Multifunction Meter 350 Modbus Din Rail Mount	£171.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
MCCB's - Moulded Case Circuit Breakers			
Body 32AF			
204474	NF32-SW 3P 3A W	In = 3A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204475	NF32-SW 3P 4A W	In = 4A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204477	NF32-SW 3P 6A W	In = 6A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204478	NF32-SW 3P 10A W	In = 10A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204480	NF32-SW 3P 16A W	In = 16A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204481	NF32-SW 3P 20A W	In = 20A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204482	NF32-SW 3P 25A W	In = 25A; lcu / lcs = 5 / 2kA at AC 400V	£33.00
204484	NF32-SW 3P 32A W	In = 32A; lcu / lcs = 5 / 2kA at AC 400V	£33.00

Body 63AF			
204486	NF63-SW 3P 3A W	In = 3A; lcu / lcs = 7,5 / 4kA bei AC 440V	£40.00
204487	NF63-SW 3P 4A W	In = 4A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204489	NF63-SW 3P 6A W	In = 6A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204490	NF63-SW 3P 10A W	In = 10A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204492	NF63-SW 3P 16A W	In = 16A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204493	NF63-SW 3P 20A W	In = 20A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204494	NF63-SW 3P 25A W	In = 25A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204496	NF63-SW 3P 32A W	In = 32A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204497	NF63-SW 3P 40A W	In = 40A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204498	NF63-SW 3P 50A W	In = 50A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
204500	NF63-SW 3P 63A W	In = 63A; lcu / lcs = 7,5 / 4kA at AC 440V	£40.00
Body 125AF Adjustable Thermal-Magnetic			
204501	NF63-SW 4P 3A W	In = 3A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204502	NF63-SW 4P 4A W	In = 4A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204504	NF63-SW 4P 6A W	In = 6A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204505	NF63-SW 4P 10A W	In = 10A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204507	NF63-SW 4P 16A W	In = 16A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204508	NF63-SW 4P 20A W	In = 20A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204509	NF63-SW 4P 25A W	In = 25A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204511	NF63-SW 4P 32A W	In = 32A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204512	NF63-SW 4P 40A W	In = 40A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204513	NF63-SW 4P 50A W	In = 50A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204515	NF63-SW 4P 63A W	In = 63A; lcu / lcs = 7,5 / 4kA at AC 440V	£67.00
204516	NF63-HW 3P 10A W	In = 10A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204518	NF63-HW 3P 16A W	In = 16A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204519	NF63-HW 3P 20A W	In = 20A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204520	NF63-HW 3P 25A W	In = 25A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204522	NF63-HW 3P 32A W	In = 32A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204523	NF63-HW 3P 40A W	In = 40A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204524	NF63-HW 3P 50A W	In = 50A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204526	NF63-HW 3P 63A W	In = 63A; lcu / lcs = 10 / 5kA at AC 440V	£44.50
204527	NF63-HW 4P 10A W	In = 10A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204529	NF63-HW 4P 16A W	In = 16A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204530	NF63-HW 4P 20A W	In = 20A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204531	NF63-HW 4P 25A W	In = 25A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204533	NF63-HW 4P 32A W	In = 32A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204534	NF63-HW 4P 40A W	In = 40A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204535	NF63-HW 4P 50A W	In = 50A; lcu / lcs = 10 / 5kA at AC 440V	£73.00
204537	NF63-HW 4P 63A W	In = 63A; lcu / lcs = 10 / 5kA at AC 440V	£73.00

Body 125AF Adjustable Thermal-Magnetic			
204540	NF125-SGW 3P RT 16-25A W	Ir = 16 - 25A; lcu = lcs = 36kA at AC 440V	£113.00
204541	NF125-SGW 3P RT 25-40A W	Ir = 25 - 40A; lcu = lcs = 36kA at AC 440V	£113.00
204542	NF125-SGW 3P RT 40-63A W	Ir = 40 - 63A; lcu = lcs = 36kA at AC 440V	£113.00
204543	NF125-SGW 3P RT 63-100A W	Ir = 63 - 100A; lcu = lcs = 36kA at AC 440V	£144.00
204544	NF125-SGW 3P RT 80-125A W	Ir = 80 - 125A; lcu = lcs = 36kA at AC 440V	£144.00
204545	NF125-SGW 4P RT 16-25A W	Ir = 16 - 25A; lcu = lcs = 36kA at AC 440V	£178.00
204546	NF125-SGW 4P RT 25-40A W	Ir = 25 - 40A; lcu = lcs = 36kA at AC 440V	£178.00
204547	NF125-SGW 4P RT 40-63A W	Ir = 40 - 63A; lcu = lcs = 36kA at AC 440V	£178.00
204548	NF125-SGW 4P RT 63-100A W	Ir = 63 - 100A; lcu = lcs = 36kA at AC 440V	£178.00
204549	NF125-SGW 4P RT 80-125A W	Ir = 80 - 125A; lcu = lcs = 36kA at AC 440V	£178.00
204558	NF125-HGW 3P RT 16-25A W	Ir = 16 - 25A; lcu = lcs = 65kA at AC 440V	£142.00
204559	NF125-HGW 3P RT 25-40A W	Ir = 25 - 40A; lcu = lcs = 65kA at AC 440V	£142.00
204560	NF125-HGW 3P RT 40-63A W	Ir = 40 - 63A; lcu = lcs = 65kA at AC 440V	£142.00
204561	NF125-HGW 3P RT 63-100A W	Ir = 63 - 100A; lcu = lcs = 65kA at AC 440V	£142.00
204562	NF125-HGW 3P RT 80-125A W	Ir = 80 - 125A; lcu = lcs = 65kA at AC 440V	£142.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
204563	NF125-HGW 4P RT 16-25A W	Ir = 16 - 25A; Icu = Ics = 65kA at AC 440V	£176.00
204564	NF125-HGW 4P RT 25-40A W	Ir = 25 - 40A; Icu = Ics = 65kA at AC 440V	£176.00
204565	NF125-HGW 4P RT 40-63A W	Ir = 40 - 63A; Icu = Ics = 65kA at AC 440V	£176.00
204566	NF125-HGW 4P RT 63-100A W	Ir = 63 - 100A; Icu = Ics = 65kA at AC 440V	£176.00
204567	NF125-HGW 4P RT 80-125A W	Ir = 80 - 125A; Icu = Ics = 65kA at AC 440V	£176.00
204576	NF125-RGW 3P RT 16-25A W	Ir = 16 - 25A; Icu = Ics = 125kA at AC 440V	£275.00
204577	NF125-RGW 3P RT 25-40A W	Ir = 25 - 40A; Icu = Ics = 125kA at AC 440V	£275.00
204578	NF125-RGW 3P RT 40-63A W	Ir = 40 - 63A; Icu = Ics = 125kA at AC 440V	£275.00
204579	NF125-RGW 3P RT 63-100A W	Ir = 63 - 100A; Icu = Ics = 125kA at AC 440V	£275.00
204580	NF125-UGW 3P RT 16-25A W	Ir = 16 - 25A; Icu = Ics = 200kA at AC 440V	£759.00
204581	NF125-UGW 3P RT 25-40A W	Ir = 25 - 40A; Icu = Ics = 200kA at AC 440V	£759.00
204582	NF125-UGW 3P RT 40-63A W	Ir = 40 - 63A; Icu = Ics = 200kA at AC 440V	£759.00
204583	NF125-UGW 3P RT 63-100A W	Ir = 63 - 100A; Icu = Ics = 200kA at AC 440V	£759.00
204584	NF125-UGW 4P RT 16-25A W	Ir = 16 - 25A; Icu = Ics = 200kA at AC 440V	£851.00
204585	NF125-UGW 4P RT 25-40A W	Ir = 25 - 40A; Icu = Ics = 200kA at AC 440V	£851.00
204586	NF125-UGW 4P RT 40-63A W	Ir = 40 - 63A; Icu = Ics = 200kA at AC 440V	£851.00
204587	NF125-UGW 4P RT 63-100A W	Ir = 63 - 100A; Icu = Ics = 200kA at AC 440V	£851.00
Body 125AF Adjustable Electronic			
204550	NF125-SGW 3P RE 16-32A W	Ir = 16 - 32A; Icu = Ics = 36kA at AC 440V	£350.00
204551	NF125-SGW 3P RE 32-63A W	Ir = 32 - 63A; Icu = Ics = 36kA at AC 440V	£350.00
204552	NF125-SGW 3P RE 63-100A W	Ir = 63 - 100A; Icu = Ics = 36kA at AC 440V	£350.00
204553	NF125-SGW 3P RE 75-125A W	Ir = 75 - 125A; Icu = Ics = 36kA at AC 440V	£350.00
204554	NF125-SGW 4P RE 16-32A W	Ir = 16 - 32A; Icu = Ics = 36kA at AC 440V	£446.00
204555	NF125-SGW 4P RE 32-63A W	Ir = 32 - 63A; Icu = Ics = 36kA at AC 440V	£446.00
204556	NF125-SGW 4P RE 63-100A W	Ir = 63 - 100A; Icu = Ics = 36kA at AC 440V	£446.00
204557	NF125-SGW 4P RE 75-125A W	Ir = 75 - 125A; Icu = Ics = 36kA at AC 440V	£446.00
204568	NF125-HGW 3P RE 16-32A W	Ir = 16 - 32A; Icu = Ics = 65kA at AC 440V	£368.00
204569	NF125-HGW 3P RE 32-63A W	Ir = 32 - 63A; Icu = Ics = 65kA at AC 440V	£368.00
204570	NF125-HGW 3P RE 63-100A W	Ir = 63 - 100A; Icu = Ics = 65kA at AC 440V	£368.00
204571	NF125-HGW 3P RE 75-125A W	Ir = 75 - 125A; Icu = Ics = 65kA at AC 440V	£368.00
204572	NF125-HGW 4P RE 16-32A W	Ir = 16 - 32A; Icu = Ics = 65kA at AC 440V	£489.00
204573	NF125-HGW 4P RE 32-63A W	Ir = 32 - 63A; Icu = Ics = 65kA at AC 440V	£489.00
204574	NF125-HGW 4P RE 63-100A W	Ir = 63 - 100A; Icu = Ics = 65kA at AC 440V	£489.00
204575	NF125-HGW 4P RE 75-125A W	Ir = 75 - 125A; Icu = Ics = 65kA at AC 440V	£489.00
Body 160AF Adjustable Thermal-Magnetic			
204591	NF160-SGW 3P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 36kA at AC 440V	£207.00
204592	NF160-SGW 4P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 36kA at AC 440V	£314.00
204596	NF160-HGW 3P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 65kA at AC 440V	£273.00
204597	NF160-HGW 4P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 65kA at AC 440V	£306.00
Body 160AF Adjustable Electronic			
204593	NF160-SGW 3P RE 80-160A W	Ir = 80 - 160A; Icu = Ics = 36kA at AC 440V	£383.00
204594	NF160-SGW 4P RE 80-160A W	Ir = 80 - 160A; Icu = Ics = 36kA at AC 440V	£439.00
204598	NF160-HGW 3P RE 80-160A W	Ir = 80 - 160A; Icu = Ics = 65kA at AC 440V	£498.00
204599	NF160-HGW 4P RE 80-160A W	Ir = 80 - 160A; Icu = Ics = 65kA at AC 440V	£521.00
Body 250AF Adjustable Thermal-Magnetic			
212124	NF250-SGW 3P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 36kA at AC 440V	£296.00
204602	NF250-SGW 3P RT 160-250A W	Ir = 160 - 250A; Icu = Ics = 36kA at AC 440V	£275.00
212125	NF250-SGW 4P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 36kA at AC 440V	£372.00
204603	NF250-SGW 4P RT 160-250A W	Ir = 160 - 250A; Icu = Ics = 36kA at AC 440V	£372.00
212126	NF250-HGW 3P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 65kA at AC 440V	£275.00
204606	NF250-HGW 3P RT 160-250A W	Ir = 160 - 250A; Icu = Ics = 65kA at AC 440V	£240.00
212127	NF250-HGW 4P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 65kA at AC 440V	£388.00
204607	NF250-HGW 4P RT 160-250A W	Ir = 160 - 250A; Icu = Ics = 65kA at AC 440V	£345.00
204610	NF250-RGW 3P RT 160-225A W	Ir = 160 - 250A; Icu = Ics = 125kA at AC 440V	£584.00
204611	NF250-UGW 3P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 200kA at AC 440V	£844.00
204612	NF250-UGW 3P RT 160-225A W	Ir = 160 - 250A; Icu = Ics = 200kA at AC 440V	£844.00
204613	NF250-UGW 4P RT 125-160A W	Ir = 125 - 160A; Icu = Ics = 200kA at AC 440V	£850.00
204614	NF250-UGW 4P RT 160-225A W	Ir = 160 - 250A; Icu = Ics = 200kA at AC 440V	£850.00
Body 250AF Adjustable Electronic			
204604	NF250-SGW 3P RE 125-250A W	Ir = 125 - 250A; Icu = Ics = 36kA at AC 440V	£390.00
204605	NF250-SGW 4P RE 125-250A W	Ir = 160 - 250A; Icu = Ics = 36kA at AC 440V	£507.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
204608	NF250-HGW 3P RE 125-250A W	Ir = 125 - 250A; Icu = Ics = 65kA at AC 440V	£449.00
204609	NF250-HGW 4P RE 125-250A W	Ir = 160 - 250A; Icu = Ics = 65kA at AC 440V	£531.00
Body 400AF Adjustable Electronic			
204780	NF400-SEW 3P 200-400A	Ir = 200 - 400A; Icu = Ics = 42kA at AC 440V	£526.00
204781	NF400-SEW 4P 200-400A	Ir = 200 - 400A; Icu = Ics = 42kA at AC 440V	£776.00
204782	NF400-HEW 3P 200-400A	Ir = 200 - 400A; Icu = Ics = 65kA at AC 440V	£626.00
204783	NF400-HEW 4P 200-400A	Ir = 200 - 400A; Icu = Ics = 65kA at AC 440V	£1,036.00
204784	NF400-REW 3P 200-400A	Ir = 200 - 400A; Icu / Ics = 125 / 63kA at AC 440V	£641.00
204785	NF400-UEW 3P 200-400A	Ir = 200 - 400A; Icu = Ics = 200kA at AC 440V	£1,447.00
204786	NF400-UEW 4P 200-400A	Ir = 200 - 400A; Icu = Ics = 200kA at AC 440V	£2,076.00
Body 630AF Adjustable Electronic			
204789	NF630-SEW 3P 300-630A	Ir = 300 - 630A; Icu = Ics = 42kA at AC 440V	£644.00
204790	NF630-SEW 4P 300-630A	Ir = 300 - 630A; Icu = Ics = 42kA at AC 440V	£1,053.00
204791	NF630-HEW 3P 300-630A	Ir = 300 - 630A; Icu = Ics = 65kA at AC 440V	£958.00
204792	NF630-HEW 4P 300-630A	Ir = 300 - 630A; Icu = Ics = 65kA at AC 440V	£961.00
204793	NF630-REW 3P 300-630A	Ir = 300 - 630A; Icu / Ics = 125 / 63kA at AC 440V	£803.00
Body 800AF Adjustable Electronic			
204796	NF800-CEW 3P 400-800A	Ir = 300 - 630A; Icu / Ics = 36 / 18kA at AC 440V	£923.00
204797	NF800-SEW 3P 400-800A	Ir = 300 - 630A; Icu = Ics = 42kA at AC 440V	£1,049.00
204798	NF800-SEW 4P 400-800A	Ir = 300 - 630A; Icu = Ics = 42kA at AC 440V	£1,278.00
204799	NF800-HEW 3P 400-800A	Ir = 300 - 630A; Icu = Ics = 65kA at AC 440V	£1,145.00
204800	NF800-HEW 4P 400-800A	Ir = 300 - 630A; Icu = Ics = 65kA at AC 440V	£1,663.00
204801	NF800-REW 3P 400-800A	Ir = 300 - 630A; Icu / Ics = 125 / 63kA at AC 440V	£1,521.00
204802	NF800-UEW 3P 400-800A	Ir = 300 - 630A; Icu = Ics = 200kA at AC 440V	£3,435.00
204803	NF800-UEW 4P 400-800A	Ir = 300 - 630A; Icu = Ics = 200kA at AC 440V	£4,720.00
Body 1000-1600AF Adjustable Electronic			
204810	NF1000-SEW 3P 500-1000A	Ir = 500 - 1000A; Icu / Ics = 85 / 43kA at AC 440V	£1,334.00
204811	NF1000-SEW 4P 500-1000A	Ir = 500 - 1000A; Icu / Ics = 85 / 43kA at AC 440V	£1,676.00
204812	NF1250-SEW 3P 600-1250A	Ir = 600 - 1250A; Icu / Ics = 85 / 43kA at AC 440V	£1,491.00
204813	NF1250-SEW 4P 600-1250A	Ir = 600 - 1250A; Icu / Ics = 85 / 43kA at AC 440V	£1,811.00
204814	NF1600-SEW 3P 800-1600A	Ir = 800 - 1600A; Icu / Ics = 85 / 43kA at AC 440V	£2,555.00
204815	NF1600-SEW 4P 800-1600A	Ir = 800 - 1600A; Icu / Ics = 85 / 43kA at AC 440V	£3,994.00
Power Disconnector			
3-Poles			
204473	DSN32-SW 3P 32A W	In max = 32A	£27.00
204485	DSN63-SW 3P 63A W	In max = 63A	£42.50
204538	DSN125-SGW 3P 125A W	In max = 125A	£71.00
204588	DSN160-SGW 3P 160A W	In max = 160A	£114.00
204600	DSN250-SGW 3P 250A W	In max = 250A	£131.00
204778	DSN400-SW 3P 400A	In max = 400A	£297.00
204787	DSN630-SW 3P 630A	In max = 630A	£382.00
204794	DSN800-SW 3P 800A	In max = 800A	£815.00
204804	DSN1000-SW 3P 1000A	In max = 1000A	£912.00
204806	DSN1250-SW 3P 1250A	In max = 1250A	£950.00
204808	DSN1600-SW 3P 1600A	In max = 1600A	£2,004.00
4-Poles			
204817	DSN63-SW 4P 63A W	In max = 63A	£79.00
204539	DSN125-SGW 4P 125A W	In max = 125A	£116.00
204589	DSN160-SGW 4P 160A W	In max = 160A	£241.00
204601	DSN250-SGW 4P 250A W	In max = 250A	£242.00
204779	DSN400-SW 4P 400A	In max = 400A	£456.00
204788	DSN630-SW 4P 630A	In max = 630A	£536.00
204795	DSN800-SW 4P 800A	In max = 800A	£1,198.00
204805	DSN1000-SW 4P 1000A	In max = 1000A	£1,295.00
204807	DSN1250-SW 4P 1250A	In max = 1250A	£1,438.00
204809	DSN1600-SW 4P 1600A	In max = 1600A	£3,162.00
Calculation and selection Software			
129115	MELSHORT 2 VERSION V1.00	Calculation Software for Low-Voltage Switchgears	£158.00
Accessories for Molded-Case Circuit Breakers			
Auxiliary switch AX with lead-wire terminal block SLT			
146380	AX-05SWLS	1 CO, Left hand fitting, Terminal block for NF/DSN 32AF and 63AF	£18.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
146382	AX2-05SWLS	2 CO, Left hand fitting, Terminal block for NF/DSN 32AF and 63AF	£41.00
139504	AX-2GSWLS	1 CO, Left hand fitting, Terminal block for NF/DSN 125AF, 160AF and 250AF	£18.50
139506	AX2-2GSWLS	2 CO, Left hand fitting, Terminal block for NF/DSN 125AF, 160AF and 250AF	£34.00
205767	AX-4SWLS	1 CO, Left hand fitting, Terminal block, 400AF, 630AF, 800AF	£15.50
205768	AX2-4SWLS	2 CO, Left hand fitting, Terminal block, 400AF, 630AF, 800AF	£32.00
205769	AX3-8SWLS	3 CO, Left hand fitting, Terminal block, 800AF, NF400-UEW 4P	£50.50
205770	AX4-8SWLS	4 CO, Left hand fitting, Terminal block, 800AF, NF400-UEW 4P	£72.00
205771	AX-10SWLS	1 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£25.00
205772	AX2-10SWLS	2 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£47.50
205773	AX3-10SWLS	3 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£72.00
Auxiliary switch AX for direct connection			
139507	AX-2GSWN	1 CO Left or Right hand fitting, internal Terminal connection for NF/DSN 125AF, 160AF and 250AF	£18.50
139510	AX2-2GSWLN	2 CO Left hand fitting, internal Terminal connection for NF/DSN 125AF, 160AF and 250AF	£34.00
Alarm switch AL with lead-wire terminal block SLT			
146379	AL-05SWLS	1 CO, Left hand fitting, Terminal block for NF/DSN 32AF and 63AF	£15.50
139505	AL-2GSWLS	1 CO, Left hand fitting, Terminal block for NF/DSN 125AF, 160AF and 250AF	£20.50
205763	AL-4SWLS	1 CO, Left hand fitting, Terminal block, 400AF, 630AF, 800AF	£24.00
205764	AL2-4SWLS	2 CO, Left hand fitting, Terminal block, 400AF, 630AF, 800AF	£40.00
205765	AL3-8SWLS	3 CO, Left hand fitting, Terminal block, 800AF, NF400-UEW 4P	£46.50
205766	AL-10SWLS	1 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£42.50
Alarm switch AL for direct connection			
139508	AL-2GSWN	1 CO Left or Right hand fitting, internal Terminal connection for NF/DSN 125AF, 160AF and 250AF	£16.50
Auxiliary and Alarm switch ALAX with lead-wire terminal block SLT			
146381	ALAX-05SWLS	1 CO + 1 CO, Right hand fitting, Terminal block for NF/DSN 32AF and 63AF	£29.00
137510	ALAX-2GSWLS	1 CO + 1 CO, Right hand fitting, Terminal block for NF/DSN 125AF, 160AF and 250AF	£33.00
205774	ALAX-4SWLS	1 CO + 1 CO, Left hand fitting, Flying lead, 400AF, 630AF, 800AF	£39.00
205775	AL2AX2-4SWLS	2 CO + 2 CO, Left hand fitting, Flying lead, 800AF, NF400-UEW 4P	£79.00
205776	ALAX-10SWLS	1 CO + 1 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£63.00
205777	AL1AX2-10SWLS	1 CO + 2 CO, Left hand fitting, Terminal block, for NF1000-SEW, NF1250-SEW, NF1600-SEW	£89.50
Auxiliary and Alarm switch ALAX for direct connection			
139509	ALAX2-2GSWLN	1 CO + 1 CO Left or Right hand fitting, internal Terminal connection for NF/DSN 125AF, 160AF and 250AF	£22.00
Shunt Trip Devices SHT for 3-pole breaker			
146383	SHTA048-05SWRS	AC 24-48V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146385	SHTA240-05SWRS	AC 100-240V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146387	SHTA550-05SWRS	AC 380-550V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146389	SHTD012-05SWRS	DC 12V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146391	SHTD036-05SWRS	DC 24-36V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146393	SHTD048-05SWRS	DC 36-48V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146395	SHTD125-05SWRS	DC 100-125V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
146397	SHTD250-05SWRS	DC 220-250V, Right hand fitting, for 3P NF/DSN 32AF and 63AF	£14.50
139513	SHTA048-2GSWRS	AC 24-48V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£30.00
139515	SHTA240-2GSWRS	AC 100-240V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£30.00
139517	SHTA550-2GSWRS	AC 380-550V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£27.50
139519	SHTD012-2GSWRS	DC 12V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£34.00
139521	SHTD036-2GSWRS	DC 24-36V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£28.00
139523	SHTD048-2GSWRS	DC 36-48V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£29.00
139525	SHTD125-2GSWRS	DC 100-125V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£29.00
139527	SHTD250-2GSWRS	DC 220-250V, Right hand fitting, for 3P NF/DSN 125AF, 160AF and 250AF	£29.00
205778	SHT-4SWRS	AC 100 - 450V / DC 100 - 200V, Right hand fitting, for 2P, 3P NF/DSN 400AF, 630AF and 800AF 2P, 3P	£47.50
205780	SHT48-4SWRS	DC 24 - 48V, Right hand fitting, for 2P, 3P NF/DSN 400AF, 630AF and 800AF 2P, 3P	£71.00
205782	SHTA550-4SWRS	AC 380 - 550V, Right hand fitting, for 2P, 3P NF/DSN 400AF, 630AF and 800AF 2P, 3P	£73.00
205787	SHTA120-10SWRS	AC 100 - 120V, Right hand fitting, for 3P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205789	SHTA240-10SWRS	AC 200 - 240V, Right hand fitting, for 3P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205791	SHTA450-10SWRS	AC 380 - 450V, Right hand fitting, for 3P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205793	SHTD048-10SWRS	DC 48V, Right hand fitting, for 3P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205795	SHTD110-10SWRS	DC 110V, Right hand fitting, for 3P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
Shunt Trip Devices SHT for 4-pole breaker			
146384	SHTA048-05SWRFS	AC 24-48V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146386	SHTA240-05SWRFS	AC 100-240V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146388	SHTA550-05SWRFS	AC 380-550V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146390	SHTD012-05SWRFS	DC 12V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146392	SHTD036-05SWRFS	DC 24-36V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146394	SHTD048-05SWRFS	DC 36-48V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146396	SHTD125-05SWRFS	DC 100-125V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
146398	SHTD250-05SWRFS	DC 220-250V, Right hand fitting, for 4P NF/DSN 32AF and 63AF	£14.50
139514	SHTA048-2GSWRFS	AC 24-48V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139516	SHTA240-2GSWRFS	AC 100-240V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139518	SHTA550-2GSWRFS	AC 380-550V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
139520	SHTD012-2GSRWFS	DC 12V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139522	SHTD036-2GSRWFS	DC 24-36V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139524	SHTD048-2GSRWFS	DC 36-48V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139526	SHTD125-2GSRWFS	DC 100-125V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
139528	SHTD250-2GSRWFS	DC 220-250V, Right hand fitting, for 4P NF/DSN 125AF, 160AF and 250AF	£29.00
205779	SHT-4SWRFS	AC 100 - 450V / DC 100 - 200V, Right hand fitting, for 4P NF/DSN 400AF, 630AF	£73.00
205781	SHT48-4SWRFS	DC 24 - 48V, Right hand fitting, for 4P NF/DSN 400AF, 630AF	£73.00
205783	SHTA550-4SWRFS	AC 380 - 550V, Right hand fitting, for 4P NF/DSN 400AF, 630AF	£73.00
205784	SHT-8SWRFS	AC 100 - 450V / DC 100 - 200V, Right hand fitting, for 4P 800AF, NF400-UW 4P	£84.50
205785	SHT48-8SWRFS	DC 24 - 48V, Right hand fitting, for 4P 800AF, NF400-UW 4P	£84.50
205786	SHTA550-8SWRFS	AC 380 - 550V, Right hand fitting, for 4P 800AF, NF400-UW 4P	£84.50
205788	SHTA120-10SWRFS	AC 100 - 120V, Right hand fitting, for 4P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205790	SHTA240-10SWRFS	AC 200 - 240V, Right hand fitting, for 4P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205792	SHTA450-10SWRFS	AC 380 - 450V, Right hand fitting, for 4P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205794	SHTD024-10SWRFS	DC 24V, Right hand fitting, for 4P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
205796	SHTD110-10SWRFS	DC 110V, Right hand fitting, for 4P NF1000-SEW, NF1250-SEW, NF1600-SEW	£80.00
Shunt Trip Devices SHT for 4-pole breaker for direct connection			
139529	SHTA048-2GSRWN	AC 24-48V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139530	SHTA240-2GSRWN	AC 100-240V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139531	SHTA550-2GSRWN	AC 380-550V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139532	SHTD012-2GSRWN	DC 12V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139533	SHTD036-2GSRWN	DC 24-36V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139534	SHTD048-2GSRWN	DC 36-48V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139535	SHTD125-2GSRWN	DC 100-125V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
139536	SHTD250-2GSRWN	DC 220-250V, Right hand fitting, for NF/DSN 125AF, 160AF and 250AF	£27.00
Undervoltage Trip Devices UVT, instantaneous trip type for 3-pole breaker			
146399	UVTNA048-05SWRS	Instantaneous trip, AC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146401	UVTNA130-05SWRS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146403	UVTNA250-05SWRS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146405	UVTNA480-05SWRS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146407	UVTNA600-05SWRS	Instantaneous trip, AC 500-550/600V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146409	UVTND048-05SWRS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146411	UVTND125-05SWRS	Instantaneous trip, DC 110/125V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
139537	UVTSA048-2GSRWS	Instantaneous trip, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139539	UVTSA130-2GSRWS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139541	UVTSA250-2GSRWS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139543	UVTSA480-2GSRWS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139545	UVTSA600-2GSRWS	Instantaneous trip, AC 500-550/600V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139547	UVTSD048-2GSRWS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139548	UVTSD110-2GSRWS	Instantaneous trip, DC 100/110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139550	UVTSD125-2GSRWS	Instantaneous trip, DC 110/125V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
205951	UVTSA130-4SWS	Instantaneous trip, AC 100-110/120-130V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£87.50
205953	UVTSA250-4SWS	Instantaneous trip, AC 200-220/230-250V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£87.50
205828	UVTSA480-4SWS	Instantaneous trip, AC 380-415/440-480V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£87.50
205932	UVTSD048-4SWS	Instantaneous trip, DC 24/48V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£87.50
205934	UVTSD110-4SWS	Instantaneous trip, DC 100/110V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£131.00
205941	UVTSA130-10SWRS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£149.00
205943	UVTSA250-10SWRS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£149.00
205945	UVTSA480-10SWRS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£149.00
205947	UVTND048-10SWRS	Instantaneous trip, DC 24/48V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£149.00
205949	UVTND110-10SWRS	Instantaneous trip, DC 100/110V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£149.00
Undervoltage Trip Devices UVT, instantaneous trip type for 4-pole breaker			
146400	UVTNA048-05SWRFS	Instantaneous trip, AC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146402	UVTNA130-05SWRFS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146404	UVTNA250-05SWRFS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146406	UVTNA480-05SWRFS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146408	UVTNA600-05SWRFS	Instantaneous trip, AC 500-550/600V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146410	UVTND048-05SWRFS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
146412	UVTND125-05SWRFS	Instantaneous trip, DC 110/125V, Right hand fitting, for NF/DSN 32AF, 63AF	£36.00
139538	UVTSA048-2GSRWFS	Instantaneous trip, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139540	UVTSA130-2GSRWFS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139542	UVTSA250-2GSRWFS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139544	UVTSA480-2GSRWFS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139546	UVTSA600-2GSRWFS	Instantaneous trip, AC 500-550/600V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
137508	UVTSD048-2GSRWFS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139549	UVTSD110-2GSRWFS	Instantaneous trip, DC 100/110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
139551	UVTSD125-2GSWRFS	Instantaneous trip, DC 110/125V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
205952	UVTSA130-4SWRFS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 400AF, 630AF	£91.50
205954	UVTSA250-4SWRFS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 400AF, 630AF	£91.50
205955	UVTSA480-4SWRFS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 400AF, 630AF	£91.50
205933	UVTSD048-4SWRFS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 400AF, 630AF	£91.50
205935	UVTSD110-4SWRFS	Instantaneous trip, DC 100/110V, Right hand fitting, for NF/DSN 400AF, 630AF	£133.00
205936	UVTSA130-8SWRFS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 800AF	£95.50
205937	UVTSA250-8SWRFS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 800AF	£95.50
205938	UVTSA480-8SWRFS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 800AF	£95.50
205939	UVTSD048-8SWRFS	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 800AF	£95.50
205940	UVTSD110-8SWRFS	Instantaneous trip, DC 100/110V, Right hand fitting, for NF/DSN 800AF	£133.00
205942	UVTSA130-10SWRFS	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£153.00
205944	UVTSA250-10SWRFS	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£153.00
205946	UVTSA480-10SWRFS	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£153.00
205948	UVTND048-10SWRFS	Instantaneous trip, DC 24/48V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£153.00
205950	UVTND110-10SWRFS	Instantaneous trip, DC 100/110V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£153.00
Undervoltage Trip Devices UVT, instantaneous trip, direct connection			
139552	UVTSA048-2GSWRN	Instantaneous trip, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139553	UVTSA130-2GSWRN	Instantaneous trip, AC 100-110/120-130V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139554	UVTSA250-2GSWRN	Instantaneous trip, AC 200-220/230-250V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139555	UVTSA480-2GSWRN	Instantaneous trip, AC 380-415/440-480V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139556	UVTSA600-2GSWRN	Instantaneous trip, AC 500-550/600V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139557	UVTSD048-2GSWRN	Instantaneous trip, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139558	UVTSD110-2GSWRN	Instantaneous trip, DC 100/110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
139559	UVTSD125-2GSWRN	Instantaneous trip, DC 110/125V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£43.50
Undervoltage Trip Devices UVT, Time delay 0,1s / 0,3s / 0,5s for 3-pole breaker			
146413	UVTNA048-05SWRSU05	TD=0,1/0,3/0,5s, AC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146425	UVTNA450-05SWRSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146427	UVTNA550-05SWRSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146429	UVTNA690-05SWRSU05	TD=0,1/0,3/0,5s, AC 380-450/460-550/600-690V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146431	UVTND048-05SWRSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146433	UVTND110-05SWRSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
139560	UVTSA048-2GSWRSU05	TD=0,1/0,3/0,5s, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139562	UVTSA450-2GSWRSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139564	UVTSA550-2GSWRSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139566	UVTSA690-2GSWRSU05	TD=0,1/0,3/0,5s, AC 380-450/460-550/600-690V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139568	UVTSD048-2GSWRSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139569	UVTSD110-2GSWRSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
205818	UVTSA450-4SWSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£175.00
205838	UVTSD048-4SWSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£175.00
205842	UVTSD110-4SWSU05	TD=0,1/0,3/0,5s, DC 100/110V, Right or Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£175.00
205856	UVTSA450-10SWRU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205868	UVTSA550-10SWRU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205876	UVTND048-10SWRU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205880	UVTND110-10SWRU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
Undervoltage Trip Devices UVT, Time delay 0,1s / 0,3s / 0,5s for 4-pole breaker			
146424	UVTNA048-05SWRFSU05	TD=0,1/0,3/0,5s, AC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146426	UVTNA450-05SWRFSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146428	UVTNA550-05SWRFSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146430	UVTNA690-05SWRFSU05	TD=0,1/0,3/0,5s, AC 380-450/460-550/600-690V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146432	UVTND048-05SWRFSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146434	UVTND110-05SWRFSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
139561	UVTSA048-2GSWRFSU05	TD=0,1/0,3/0,5s, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139563	UVTSA450-2GSWRFSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139565	UVTSA550-2GSWRFSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139567	UVTSA690-2GSWRFSU05	TD=0,1/0,3/0,5s, AC 380-450/460-550/600-690V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
137509	UVTSD048-2GSWRFSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£44.50
139570	UVTSD110-2GSWRFSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
205819	UVTSA450-4SWRFSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right or Left hand fitting, for NF/DSN 400AF, 630AF	£168.00
205839	UVTSD048-4SWRFSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right or Left hand fitting, for NF/DSN 400AF, 630AF	£168.00
205843	UVTSD110-4SWRFSU05	TD=0,1/0,3/0,5s, DC 100/110V, Right or Left hand fitting, for NF/DSN 400AF, 630AF	£168.00
205845	UVTSA450-8SWRFSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right or Left hand fitting, for NF/DSN 800AF	£175.00
205852	UVTSD048-8SWRFSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right or Left hand fitting, for NF/DSN 800AF	£175.00
205854	UVTSD110-8SWRFSU05	TD=0,1/0,3/0,5s, DC 100/110V, Right or Left hand fitting, for NF/DSN 800AF	£175.00
205858	UVTSA450-10SWRFSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205872	UVTSA550-10SWRFSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205878	UVTND048-10SWRFSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205882	UVTND110-10SWRFSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
Undervoltage Trip Devices UVT, Time delay 0,1s / 0,3s / 0,5s for direct connection			
139571	UVTSA048-2GSWRNSU05	TD=0,1/0,3/0,5s, AC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139572	UVTSA450-2GSWRNSU05	TD=0,1/0,3/0,5s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139573	UVTSA550-2GSWRNSU05	TD=0,1/0,3/0,5s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139574	UVTSA690-2GSWRNSU05	TD=0,1/0,3/0,5s, AC 380-450/460-550/600-690V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139575	UVTSD048-2GSWRNSU05	TD=0,1/0,3/0,5s, DC 24/48V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139576	UVTSD110-2GSWRNSU05	TD=0,1/0,3/0,5s, DC 100-110V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
Undervoltage Trip Devices UVT, Time delay 0,5s / 1,0s / 3,0s for 3-pole breaker			
146435	UVTNA450-05SWRSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146437	UVTNA550-05SWRSU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
139577	UVTSA450-2GSWRSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139579	UVTSA550-2GSWRSU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
205826	UVTSA450-4SWSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Left hand fitting, for NF/DSN 400AF, 630AF, 800AF	£175.00
205862	UVTSA450-10SWRU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205870	UVTSA550-10SWRU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for 3P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
Undervoltage Trip Devices UVT, Time delay 0,5s / 1,0s / 3,0s for 3-pole breaker			
146436	UVTNA450-05SWRFSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
146438	UVTNA550-05SWRFSU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 32AF, 63AF	£71.00
139578	UVTSA450-2GSWRFSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139580	UVTSA550-2GSWRFSU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
205827	UVTSA450-4SWRFSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 400AF, 630AF	£175.00
205849	UVTSA450-8SWRFSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 800AF	£175.00
205866	UVTSA450-10SWRFSU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
205874	UVTSA550-10SWRFSU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for 4P NF/DSN 1000AF, 1250AF, 1600AF	£193.00
Undervoltage Trip Devices UVT, Time delay 0,5s / 1,0s / 3,0s for direct connection			
139581	UVTSA450-2GSWRNU30	TD=0,5/1,0/3,0s, AC 100-120/200-240/380-450V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
139582	UVTSA550-2GSWRNU30	TD=0,5/1,0/3,0s, AC 200-250/380-450/460-550V, Right hand fitting, for NF/DSN 125AF, 160AF, 250AF	£168.00
Connection Accessories			
Rear studs ST			
146441	ST-05SW3	for 3-poles Breaker 32AF, 63AF	£7.50
146442	ST-05SW4	for 4-poles Breaker 32AF, 63AF	£9.50
139591	ST-2GSW3	for 3-poles Breaker 125AF, 160AF, 250AF	£29.00
139592	ST-2GSW4	for 4-poles Breaker 125AF, 160AF, 250AF	£36.00
205956	ST-4SW3	for 3-poles Breaker NF/DSN 400AF	£80.00
205957	ST-4SW4	for 4-poles Breaker NF/DSN 400AF	£166.00
205958	ST-6SW3	for 3-poles Breaker NF/DSN 630AF	£157.00
205959	ST-6SW4	for 4-poles Breaker NF/DSN 630AF	£235.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
205960	ST-8SW3	for 3-poles Breaker NF/DSN 800AF	£250.00
205961	ST-8SW4	for 4-poles Breaker NF/DSN 800AF	£265.00
Plug-in sets PM			
146443	PM-05SW3	for 3-poles Breaker 32AF, 63AF	£27.00
146444	PM-05SW4	for 4-poles Breaker 32AF, 63AF	£40.00
137511	PM-2GSWIP3	for 3-poles Breaker 125AF, 160AF, 250AF	£66.00
137512	PM-2GSWIP4	for 4-poles Breaker 125AF, 160AF, 250AF	£94.50
205962	PM-4SW3	for 3-poles Breaker NF/DSN 400AF	£97.50
205963	PM-4SW4	for 4-poles Breaker NF/DSN 400AF	£127.00
205964	PM-6SW3	for 3-poles Breaker NF/DSN 630AF	£317.00
205965	PM-6SW4	for 4-poles Breaker NF/DSN 630AF	£480.00
205966	PM-8SW3	for 3-poles Breaker NF/DSN 800AF	£360.00
205967	PM-8SW4	for 4-poles Breaker NF/DSN 800AF	£491.00
Solderless Terminal for G4			
139594	SL-2GSW4	for 2 or 4-poles Breaker 125AF, 160AF, 250AF 2,5-185mm ² - 16-250A (4 pcs)	£36.00
139593	SL-2GSW3	for 3-poles Breaker 125AF, 160AF, 250AF 2,5-185mm ² - 16-250A (3 pcs)	£31.00
Variable-depth handle - V Type (F available on request)			
225408	V-05S2	Variable-depth handle.2pole, NF/DSN 32AF, 63AF	£36.00
225409	V-05S	Variable-depth handle. 3/4-pole, NF/DSN 32AF, 63AF	£36.00
225410	V-05SE2	Variable-depth handle.emergency type, 2pole, NF/DSN 32AF, 63AF	£40.00
225411	V-05SE	Variable-depth handle.emergency type, 3/4-pole, NF/DSN 32AF, 63AF	£40.00
225412	V-1S2	Variable-depth handle.2pole, NF/DSN125, CW,SW	£36.00
225413	V-1S	Variable-depth handle.3/4-pole, NF/DSN125, CW,SW,HW	£36.00
225414	V-1SE2	Variable-depth handle.emergency type, 2pole, NF/DSN125, CW,SW	£40.00
225415	V-1SE	Variable-depth handle.emergency type, 3/4-pole, NF/DSN125, CW,SW,HW	£40.00
225416	V-2S	Variable-depth handle 2/3/4-pole, NF/DSN250, CW,SW,HW	£43.50
225417	V-2SE	Variable-depth handle.emergency type, 2/3/4-pole, NF/DSN250, CW,SW,HW	£47.50
225418	V-2SG	Variable-depth handle.2/3/4-pole, NF/DSN125, 160, 250, SGW,HGW	£69.00
225419	V-2SGE	Variable-depth handle.emergency type, 2/3/4-pole, NF/DSN125,160,250,SGW,HGW	£76.00
225420	V-4S	Variable-depth handle.2/3/4-pole, NF/DSN400, 630, SEW, HEW, REW	£29.00
225421	V-4SE	Variable-depth handle.emergency type, 2/3/4-pole, NF/DSN400, 630, SEW, HEW, REW	£33.00
225424	V-8S	Variable-depth handle.2/3/4-pole, NF/DSN800, SEW, HEW, REW	£85.50
225425	V-8SE	Variable-depth handle.emergency type, 2/3/4-pole, NF/DSN800, SEW, HEW, REW	£96.50
Extension Bar for Door Mounting of V Handle			
225426	V-AD3S	Variable-depth handle Adjustment Unit.depth 318mm for V-05, V-1,V-2,	£14.50
225427	V-AD3L	Variable-depth handle Adjustment Unit.depth 300mm for V-4,V-8	£10.50
235194	V-AD5S	Variable-depth handle Adjustment Unit.depth 518mm for V-05, V-1,V-2	£15.50
235235	V-AD5L	Variable-depth handle Adjustment Unit.depth 539mm for V-4,V-8	£12.50
Electrical operated device - Spring charge type			
139583	MDS024-NFE2GSWE	DC 24V for NF/DSN 125AF, 160AF, 250AF	£449.00
139584	MDS060-NFE2GSWE	DC 48-60V for NF/DSN 125AF, 160AF, 250AF	£449.00
137514	MDSAD240-NF2GSWE	AC 100-240V / DC 100-250V for NF/DSN 125AF, 160AF, 250AF	£449.00
205968	MDS-4SWA110	AC 100-110V for NF/DSN 400AF, 630AF	£1,523.00
205969	MDS-4SWA240	AC 240V for NF/DSN 400AF, 630AF	£358.00
205970	MDS-4SWD110	DC 100-110V for NF/DSN 400AF, 630AF	£1,523.00
205971	MDS-8SWA110	AC 100-110V for NF/DSN 800AF	£1,795.00
205972	MDS-8SWA240	AC 240V for NF/DSN 800AF	£441.00
205973	MDS-8SWD110	DC 100-110V for NF/DSN 800AF	£1,795.00
213185	MDS-10SWA110	AC 100-110V for NF/DSN 1000AF, 1250AF, 1600AF	£600.00
213186	MDS-10SWA220	AC 200-220V for NF/DSN 1000AF, 1250AF, 1600AF	£600.00
213187	MDS-10SWD110	DC 100-110V for NF/DSN 1000AF, 1250AF, 1600AF	£600.00
Terminal Cover			
Terminal Cover Small TCS			
146447	TCS-05SW3W	Terminal cover - small for 3-poles NF/DSN 32AF and 63AF	£4.50
146448	TCS-05SW4W	Terminal cover - small for 4-poles NF/DSN 32AF and 63AF	£6.50
139605	TCS-2GSW3W	Terminal cover - small for 3-poles NF/DSN 125AF, 160AF and 250AF - G4	£25.00
139606	TCS-2GSW4W	Terminal cover - small for 4-poles NF/DSN 125AF, 160AF and 250AF - G4	£24.00
Terminal Cover Large TCL			
146445	TCL-05SW3W	Terminal cover - large for 3-poles NF/DSN 32AF and 63AF	£4.50
146446	TCL-05SW4W	Terminal cover - large for 4-poles NF/DSN 32AF and 63AF	£6.50
139603	TCL-2GSW3W	Terminal cover - large for 3-poles NF/DSN 125AF, 160AF and 250AF - G4	£27.00
139604	TCL-2GSW4W	Terminal cover - large for 4-poles NF/DSN 125AF, 160AF and 250AF - G4	£33.00
205977	TCL-4SW3	Terminal cover - large for 3-poles NF/DSN 400AF und 630AF	£31.00
205978	TCL-4SW4	Terminal cover - large for 4-poles NF/DSN 400AF und 630AF	£40.00
205979	TCL-8SW3	Terminal cover - large for 3-poles NF/DSN 800AF	£32.00
205980	TCL-8SW4	Terminal cover - large for 4-poles NF/DSN 800AF	£43.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
205981	TCL-8UW3	Terminal cover - large for 3-poles NF800-UEW	£96.50
205982	TCL-8UW4	Terminal cover - large for 4-poles NF800-UEW	£230.00
205983	TCL-10SW3	Terminal cover - long for 3-poles NF/DSN 1000AF und 1250AF	£58.50
205984	TCL-10SW4	Terminal cover - long for 4-poles NF/DSN 1000AF und 1250AF	£71.00

Terminal Cover Large TTC (transparent)

139611	TTC-2GSW3	Terminal cover - large for 3-poles NF/DSN 125AF, 160AF and 250AF - G4	£25.00
139612	TTC-2GSW4	Terminal cover - large for 4-poles NF/DSN 125AF, 160AF and 250AF - G4	£82.00

Terminal Cover for rear connection studs BTC

146449	BTC-05SW3W	Terminal cover - for rear connection 3-poles NF/DSN 32AF and 63AF	£3.50
146450	BTC-05SW4W	Terminal cover - for rear connection 4-poles NF/DSN 32AF and 63AF	£3.50
139607	BTC-2GSW3W	Terminal cover - for rear connection 3-poles NF/DSN 125AF, 160AF and 250AF - G4	£15.50
139608	BTC-2GSW4W	Terminal cover - for rear connection 4-poles NF/DSN 125AF, 160AF and 250AF - G4	£120.00
205985	BTC-4SW3	Terminal cover - for rear connection 3-poles NF/DSN 400AF und 630AF	£25.00
205986	BTC-4SW4	Terminal cover - for rear connection 4-poles NF/DSN 400AF und 630AF	£96.50
205987	BTC-8SW3	Terminal cover - for rear connection 3-poles NF/DSN 800AF	£48.50
205988	BTC-8SW4	Terminal cover - for rear connection 3-poles NF800-UEW	£98.50

Terminal Cover for plug-in typ PTC

146451	PTC-05SW3W	Terminal cover - for plug-in 3-poles NF/DSN 32AF and 63AF	£3.50
146452	PTC-05SW4W	Terminal cover - for plug-in 4-poles NF/DSN 32AF and 63AF	£71.00
139609	PTC-2GSW3W	Terminal cover - for plug-in 3-poles NF/DSN 125AF, 160AF and 250AF - G4	£61.50
139610	PTC-2GSW4W	Terminal cover - for plug-in 4-poles NF/DSN 125AF, 160AF and 250AF - G4	£122.00

Mechanical Interlock MI for 3-pole breakers

139619	MI-05SW3	for 2 and 3-poles Breaker NF/DSN 32AF, 63AF, 125AF, 160AF and 250AF	£81.00
205989	MI-4SW3	for 2, 3-poles Breaker NF/DSN 400AF, 630AF	£97.50
205991	MI-8SW3	for 2, 3-poles Breaker NF/DSN 800AF	£208.00
205993	MI-10SW3 P=220mm	for 3-poles Breaker NF/DSN 1000AF, 1250AF	£253.00
205995	MI-16SW3 P=315mm	for 3-poles Breaker NF/DSN 1600AF	£253.00

Mechanical Interlock MI for 4-pole breakers

139620	MI-2SW4	for 4-poles Breaker NF/DSN 160AF, 250AF G3 und 125AF, 160AF und 250AF G4	£100.50
205990	MI-4SW4	for 4-poles Breaker NF/DSN 400AF, 630AF	£136.00
205992	MI-8SW4	for 4-poles Breaker NF/DSN 800AF	£228.00
205994	MI-10SW4 P=290mm	for 4-poles Breaker NF/DSN 1000AF, 1250AF	£456.00
205996	MI-16SW4 P=426mm	for 4-poles Breaker NF/DSN 1600AF	£456.00

Rail mounting Adapters

146459	DIN-05SW (10pcs.. Lot)	IEC 35mm rail mounting adapter for NF/DSN 32AF and 63AF	£2.50
--------	------------------------	---	-------

Tester for Electronic Breakers

68181	Y-250	Portable tester unit to check of trip mechanism by electronic breakers	£1,324.00
-------	-------	--	-----------

MCB's - Minature Circuit Breakers

BH-D6 Type B N

247663	BH-D6 1P 0.5A TYPE B N	0.5A Single Pole 6kA MCB B Curve	£8.50
247664	BH-D6 1P 1A TYPE B N	1A Single Pole 6kA MCB B Curve	£8.50
247665	BH-D6 1P 1.6A TYPE B N	1.6A Single Pole 6kA MCB B Curve	£8.50
247666	BH-D6 1P 2A TYPE B N	2A Single Pole 6kA MCB B Curve	£8.50
247667	BH-D6 1P 3A TYPE B N	3A Single Pole 6kA MCB B Curve	£6.50
247668	BH-D6 1P 4A TYPE B N	4A Single Pole 6kA MCB B Curve	£6.50
247669	BH-D6 1P 6A TYPE B N	6A Single Pole 6kA MCB B Curve	£6.50
247670	BH-D6 1P 10A TYPE B N	10A Single Pole 6kA MCB B Curve	£6.50
247671	BH-D6 1P 13A TYPE B N	13A Single Pole 6kA MCB B Curve	£6.50
247672	BH-D6 1P 16A TYPE B N	16A Single Pole 6kA MCB B Curve	£6.50
247673	BH-D6 1P 20A TYPE B N	20A Single Pole 6kA MCB B Curve	£6.50
247674	BH-D6 1P 25A TYPE B N	25A Single Pole 6kA MCB B Curve	£6.50
247675	BH-D6 1P 32A TYPE B N	32A Single Pole 6kA MCB B Curve	£6.50
247676	BH-D6 1P 40A TYPE B N	40A Single Pole 6kA MCB B Curve	£6.50
247677	BH-D6 1P 50A TYPE B N	50A Single Pole 6kA MCB B Curve	£8.50
247678	BH-D6 1P 63A TYPE B N	63A Single Pole 6kA MCB B Curve	£8.50
247679	BH-D6 2P 0.5A TYPE B N	0.5A Double Pole 6kA MCB B Curve	£17.50
247680	BH-D6 2P 1A TYPE B N	1A Double Pole 6kA MCB B Curve	£17.50
247681	BH-D6 2P 1.6A TYPE B N	1.6A Double Pole 6kA MCB B Curve	£17.50
247682	BH-D6 2P 2A TYPE B N	2A Double Pole 6kA MCB B Curve	£17.50
247683	BH-D6 2P 3A TYPE B N	3A Double Pole 6kA MCB B Curve	£17.50
247684	BH-D6 2P 4A TYPE B N	4A Double Pole 6kA MCB B Curve	£17.50
247685	BH-D6 2P 6A TYPE B N	6A Double Pole 6kA MCB B Curve	£17.50
247686	BH-D6 2P 10A TYPE B N	10A Double Pole 6kA MCB B Curve	£17.50
247687	BH-D6 2P 13A TYPE B N	13A Double Pole 6kA MCB B Curve	£17.50
247688	BH-D6 2P 16A TYPE B N	16A Double Pole 6kA MCB B Curve	£17.50
247689	BH-D6 2P 20A TYPE B N	20A Double Pole 6kA MCB B Curve	£17.50
247690	BH-D6 2P 25A TYPE B N	25A Double Pole 6kA MCB B Curve	£17.50
247691	BH-D6 2P 32A TYPE B N	32A Double Pole 6kA MCB B Curve	£17.50
247692	BH-D6 2P 40A TYPE B N	40A Double Pole 6kA MCB B Curve	£17.50
247693	BH-D6 2P 50A TYPE B N	50A Double Pole 6kA MCB B Curve	£17.50
247694	BH-D6 2P 63A TYPE B N	63A Double Pole 6kA MCB B Curve	£17.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
247695	BH-D6 3P 0.5A TYPE B N	0.5A Triple Pole 6kA MCB B Curve	£26.00
247696	BH-D6 3P 1A TYPE B N	1A Triple Pole 6kA MCB B Curve	£26.00
247697	BH-D6 3P 1.6A TYPE B N	1.6A Triple Pole 6kA MCB B Curve	£26.00
247698	BH-D6 3P 2A TYPE B N	2A Triple Pole 6kA MCB B Curve	£26.00
247699	BH-D6 3P 3A TYPE B N	3A Triple Pole 6kA MCB B Curve	£26.00
247700	BH-D6 3P 4A TYPE B N	4A Triple Pole 6kA MCB B Curve	£26.00
247701	BH-D6 3P 6A TYPE B N	6A Triple Pole 6kA MCB B Curve	£26.00
247702	BH-D6 3P 10A TYPE B N	10A Triple Pole 6kA MCB B Curve	£26.00
247703	BH-D6 3P 13A TYPE B N	13A Triple Pole 6kA MCB B Curve	£26.00
247704	BH-D6 3P 16A TYPE B N	16A Triple Pole 6kA MCB B Curve	£26.00
247705	BH-D6 3P 20A TYPE B N	20A Triple Pole 6kA MCB B Curve	£26.00
247706	BH-D6 3P 25A TYPE B N	25A Triple Pole 6kA MCB B Curve	£26.00
247707	BH-D6 3P 32A TYPE B N	32A Triple Pole 6kA MCB B Curve	£26.00
247708	BH-D6 3P 40A TYPE B N	40A Triple Pole 6kA MCB B Curve	£26.00
247709	BH-D6 3P 50A TYPE B N	50A Triple Pole 6kA MCB B Curve	£26.00
247710	BH-D6 3P 63A TYPE B N	63A Triple Pole 6kA MCB B Curve	£26.00
247711	BH-D6 4P 0.5A TYPE B N	0.5A Four Pole 6kA MCB B Curve	£36.00
247712	BH-D6 4P 1A TYPE B N	1A Four Pole 6kA MCB B Curve	£36.00
247713	BH-D6 4P 1.6A TYPE B N	1.6A Four Pole 6kA MCB B Curve	£36.00
247714	BH-D6 4P 2A TYPE B N	2A Four Pole 6kA MCB B Curve	£36.00
247715	BH-D6 4P 3A TYPE B N	3A Four Pole 6kA MCB B Curve	£36.00
247716	BH-D6 4P 4A TYPE B N	4A Four Pole 6kA MCB B Curve	£36.00
247717	BH-D6 4P 6A TYPE B N	6A Four Pole 6kA MCB B Curve	£36.00
247718	BH-D6 4P 10A TYPE B N	10A Four Pole 6kA MCB B Curve	£36.00
247719	BH-D6 4P 13A TYPE B N	13A Four Pole 6kA MCB B Curve	£36.00
247720	BH-D6 4P 16A TYPE B N	16A Four Pole 6kA MCB B Curve	£36.00
247721	BH-D6 4P 20A TYPE B N	20A Four Pole 6kA MCB B Curve	£36.00
247722	BH-D6 4P 25A TYPE B N	25A Four Pole 6kA MCB B Curve	£36.00
247723	BH-D6 4P 32A TYPE B N	32A Four Pole 6kA MCB B Curve	£36.00
247724	BH-D6 4P 40A TYPE B N	40A Four Pole 6kA MCB B Curve	£36.00
247725	BH-D6 4P 50A TYPE B N	50A Four Pole 6kA MCB B Curve	£36.00
247726	BH-D6 4P 63A TYPE B N	63A Four Pole 6kA MCB B Curve	£36.00
248298	BH-D6 1P N 0.5A TYPE B N	0.5A Single Pole and Neutral 6kA MCB B Curve	£16.50
248299	BH-D6 1P N 1A TYPE B N	1A Single Pole and Neutral 6kA MCB B Curve	£16.50
248300	BH-D6 1P N 1.6A TYPE B N	1.6A Single Pole and Neutral 6kA MCB B Curve	£16.50
248301	BH-D6 1P N 2A TYPE B N	2A Single Pole and Neutral 6kA MCB B Curve	£16.50
248302	BH-D6 1P N 3A TYPE B N	3A Single Pole and Neutral 6kA MCB B Curve	£16.50
248303	BH-D6 1P N 4A TYPE B N	4A Single Pole and Neutral 6kA MCB B Curve	£16.50
248304	BH-D6 1P N 6A TYPE B N	6A Single Pole and Neutral 6kA MCB B Curve	£16.50
248305	BH-D6 1P N 10A TYPE B N	10A Single Pole and Neutral 6kA MCB B Curve	£16.50
248306	BH-D6 1P N 13A TYPE B N	13A Single Pole and Neutral 6kA MCB B Curve	£16.50
248307	BH-D6 1P N 16A TYPE B N	16A Single Pole and Neutral 6kA MCB B Curve	£16.50
248309	BH-D6 1P N 20A TYPE B N	20A Single Pole and Neutral 6kA MCB B Curve	£16.50
248310	BH-D6 1P N 25A TYPE B N	25A Single Pole and Neutral 6kA MCB B Curve	£16.50
248311	BH-D6 1P N 32A TYPE B N	32A Single Pole and Neutral 6kA MCB B Curve	£16.50
248312	BH-D6 1P N 40A TYPE B N	40A Single Pole and Neutral 6kA MCB B Curve	£16.50
BH-D6 Type C N			
247727	BH-D6 1P 0.5A TYPE C N	0.5A Single Pole 6kA MCB C Curve	£8.50
247728	BH-D6 1P 1A TYPE C N	1A Single Pole 6kA MCB C Curve	£8.50
247729	BH-D6 1P 1.6A TYPE C N	1.6A Single Pole 6kA MCB C Curve	£8.50
247730	BH-D6 1P 2A TYPE C N	2A Single Pole 6kA MCB C Curve	£8.50
247731	BH-D6 1P 3A TYPE C N	3A Single Pole 6kA MCB C Curve	£5.50
247732	BH-D6 1P 4A TYPE C N	4A Single Pole 6kA MCB C Curve	£5.50
247655	BH-D6 1P 6A TYPE C N	6A Single Pole 6kA MCB C Curve	£5.50
247659	BH-D6 1P 10A TYPE C N	10A Single Pole 6kA MCB C Curve	£5.50
247660	BH-D6 1P 13A TYPE C N	13A Single Pole 6kA MCB C Curve	£5.50
247661	BH-D6 1P 16A TYPE C N	16A Single Pole 6kA MCB C Curve	£5.50
247662	BH-D6 1P 20A TYPE C N	20A Single Pole 6kA MCB C Curve	£5.50
247657	BH-D6 1P 25A TYPE C N	25A Single Pole 6kA MCB C Curve	£5.50
247658	BH-D6 1P 32A TYPE C N	32A Single Pole 6kA MCB C Curve	£5.50
247656	BH-D6 1P 40A TYPE C N	40A Single Pole 6kA MCB C Curve	£6.50
247654	BH-D6 1P 50A TYPE C N	50A Single Pole 6kA MCB C Curve	£8.50
247653	BH-D6 1P 63A TYPE C N	63A Single Pole 6kA MCB C Curve	£8.50
247733	BH-D6 2P 0.5A TYPE C N	0.5A Double Pole 6kA MCB C Curve	£15.50
247734	BH-D6 2P 1A TYPE C N	1A Double Pole 6kA MCB C Curve	£15.50
247735	BH-D6 2P 1.6A TYPE C N	1.6A Double Pole 6kA MCB C Curve	£15.50
247736	BH-D6 2P 2A TYPE C N	2A Double Pole 6kA MCB C Curve	£15.50
247737	BH-D6 2P 3A TYPE C N	3A Double Pole 6kA MCB C Curve	£15.50
247738	BH-D6 2P 4A TYPE C N	4A Double Pole 6kA MCB C Curve	£15.50
247646	BH-D6 2P 6A TYPE C N	6A Double Pole 6kA MCB C Curve	£15.50
247650	BH-D6 2P 10A TYPE C N	10A Double Pole 6kA MCB C Curve	£15.50
247739	BH-D6 2P 13A TYPE C N	13A Double Pole 6kA MCB C Curve	£15.50
247651	BH-D6 2P 16A TYPE C N	16A Double Pole 6kA MCB C Curve	£15.50
247652	BH-D6 2P 20A TYPE C N	20A Double Pole 6kA MCB C Curve	£15.50
247648	BH-D6 2P 25A TYPE C N	25A Double Pole 6kA MCB C Curve	£15.50
247649	BH-D6 2P 32A TYPE C N	32A Double Pole 6kA MCB C Curve	£15.50
247647	BH-D6 2P 40A TYPE C N	40A Double Pole 6kA MCB C Curve	£15.50



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
247645	BH-D6 2P 50A TYPE C N	50A Double Pole 6kA MCB C Curve	£18.50
247641	BH-D6 2P 63A TYPE C N	63A Double Pole 6kA MCB C Curve	£18.50
247740	BH-D6 3P 0.5A TYPE C N	0.5A Triple Pole 6kA MCB C Curve	£27.00
247741	BH-D6 3P 1A TYPE C N	1A Triple Pole 6kA MCB C Curve	£27.00
247742	BH-D6 3P 1.6A TYPE C N	1.6A Triple Pole 6kA MCB C Curve	£27.00
247743	BH-D6 3P 2A TYPE C N	2A Triple Pole 6kA MCB C Curve	£27.00
247744	BH-D6 3P 3A TYPE C N	3A Triple Pole 6kA MCB C Curve	£27.00
247745	BH-D6 3P 4A TYPE C N	4A Triple Pole 6kA MCB C Curve	£26.00
247638	BH-D6 3P 6A TYPE C N	6A Triple Pole 6kA MCB C Curve	£26.00
247642	BH-D6 3P 10A TYPE C N	10A Triple Pole 6kA MCB C Curve	£26.00
247746	BH-D6 3P 13A TYPE C N	13A Triple Pole 6kA MCB C Curve	£26.00
247643	BH-D6 3P 16A TYPE C N	16A Triple Pole 6kA MCB C Curve	£26.00
247644	BH-D6 3P 20A TYPE C N	20A Triple Pole 6kA MCB C Curve	£26.00
247639	BH-D6 3P 25A TYPE C N	25A Triple Pole 6kA MCB C Curve	£26.00
247640	BH-D6 3P 32A TYPE C N	32A Triple Pole 6kA MCB C Curve	£26.00
247637	BH-D6 3P 40A TYPE C N	40A Triple Pole 6kA MCB C Curve	£26.00
247631	BH-D6 3P 50A TYPE C N	50A Triple Pole 6kA MCB C Curve	£26.00
247630	BH-D6 3P 63A TYPE C N	63A Triple Pole 6kA MCB C Curve	£29.00
247747	BH-D6 4P 0.5A TYPE C N	0.5A Four Pole 6kA MCB C Curve	£35.00
247748	BH-D6 4P 1A TYPE C N	1A Four Pole 6kA MCB C Curve	£35.00
247749	BH-D6 4P 1.6A TYPE C N	1.6A Four Pole 6kA MCB C Curve	£35.00
247750	BH-D6 4P 2A TYPE C N	2A Four Pole 6kA MCB C Curve	£35.00
247751	BH-D6 4P 3A TYPE C N	3A Four Pole 6kA MCB C Curve	£35.00
247752	BH-D6 4P 4A TYPE C N	4A Four Pole 6kA MCB C Curve	£35.00
247629	BH-D6 4P 6A TYPE C N	6A Four Pole 6kA MCB C Curve	£35.00
247634	BH-D6 4P 10A TYPE C N	10A Four Pole 6kA MCB C Curve	£35.00
247753	BH-D6 4P 13A TYPE C N	13A Four Pole 6kA MCB C Curve	£35.00
247635	BH-D6 4P 16A TYPE C N	16A Four Pole 6kA MCB C Curve	£35.00
247636	BH-D6 4P 20A TYPE C N	20A Four Pole 6kA MCB C Curve	£35.00
247632	BH-D6 4P 25A TYPE C N	25A Four Pole 6kA MCB C Curve	£35.00
247633	BH-D6 4P 32A TYPE C N	32A Four Pole 6kA MCB C Curve	£35.00
247628	BH-D6 4P 40A TYPE C N	40A Four Pole 6kA MCB C Curve	£35.00
247627	BH-D6 4P 50A TYPE C N	50A Four Pole 6kA MCB C Curve	£35.00
247626	BH-D6 4P 63A TYPE C N	63A Four Pole 6kA MCB C Curve	£35.00
248298	BH-D6 1P N 0.5A TYPE C N	0.5A Single Pole and Neutral 6kA MCB C Curve	£16.50
248299	BH-D6 1P N 1A TYPE C N	1A Single Pole and Neutral 6kA MCB C Curve	£16.50
248300	BH-D6 1P N 1.6A TYPE C N	1.6A Single Pole and Neutral 6kA MCB C Curve	£16.50
248301	BH-D6 1P N 2A TYPE C N	2A Single Pole and Neutral 6kA MCB C Curve	£16.50
248302	BH-D6 1P N 3A TYPE C N	3A Single Pole and Neutral 6kA MCB C Curve	£16.50
248303	BH-D6 1P N 4A TYPE C N	4A Single Pole and Neutral 6kA MCB C Curve	£16.50
248304	BH-D6 1P N 6A TYPE C N	6A Single Pole and Neutral 6kA MCB C Curve	£16.50
248305	BH-D6 1P N 10A TYPE C N	10A Single Pole and Neutral 6kA MCB C Curve	£16.50
248306	BH-D6 1P N 13A TYPE C N	13A Single Pole and Neutral 6kA MCB C Curve	£16.50
248307	BH-D6 1P N 16A TYPE C N	16A Single Pole and Neutral 6kA MCB C Curve	£16.50
248309	BH-D6 1P N 20A TYPE C N	20A Single Pole and Neutral 6kA MCB C Curve	£16.50
248280	BH-D6 1P N 25A TYPE C N	25A Single Pole and Neutral 6kA MCB C Curve	£16.50
248311	BH-D6 1P N 32A TYPE C N	32A Single Pole and Neutral 6kA MCB C Curve	£16.50
248312	BH-D6 1P N 40A TYPE C N	40A Single Pole and Neutral 6kA MCB C Curve	£16.50
BH-D6 Type D N			
250168	BH-D6 1P 0.5A TYPE D N	0.5A Single Pole 6kA MCB D Curve	£10.50
250169	BH-D6 1P 1A TYPE D N	1A Single Pole 6kA MCB D Curve	£10.50
250170	BH-D6 1P 1.6A TYPE D N	1.6A Single Pole 6kA MCB D Curve	£10.50
250171	BH-D6 1P 2A TYPE D N	2A Single Pole 6kA MCB D Curve	£10.50
250172	BH-D6 1P 3A TYPE D N	3A Single Pole 6kA MCB D Curve	£10.50
250173	BH-D6 1P 4A TYPE D N	4A Single Pole 6kA MCB D Curve	£10.50
250174	BH-D6 1P 6A TYPE D N	6A Single Pole 6kA MCB D Curve	£10.50
250175	BH-D6 1P 10A TYPE D N	10A Single Pole 6kA MCB D Curve	£10.50
250176	BH-D6 1P 13A TYPE D N	13A Single Pole 6kA MCB D Curve	£10.50
250177	BH-D6 1P 16A TYPE D N	16A Single Pole 6kA MCB D Curve	£10.50
250178	BH-D6 1P 20A TYPE D N	20A Single Pole 6kA MCB D Curve	£10.50
250179	BH-D6 1P 25A TYPE D N	25A Single Pole 6kA MCB D Curve	£10.50
250180	BH-D6 1P 32A TYPE D N	32A Single Pole 6kA MCB D Curve	£10.50
250181	BH-D6 1P 40A TYPE D N	40A Single Pole 6kA MCB D Curve	£10.50
250182	BH-D6 1P 50A TYPE D N	50A Single Pole 6kA MCB D Curve	£10.50
250183	BH-D6 1P 63A TYPE D N	63A Single Pole 6kA MCB D Curve	£10.50
250184	BH-D6 2P 0.5A TYPE D N	0.5A Double Pole 6kA MCB D Curve	£23.00
250185	BH-D6 2P 1A TYPE D N	1A Double Pole 6kA MCB D Curve	£23.00
250186	BH-D6 2P 1.6A TYPE D N	1.6A Double Pole 6kA MCB D Curve	£23.00
250187	BH-D6 2P 2A TYPE D N	2A Double Pole 6kA MCB D Curve	£23.00
250188	BH-D6 2P 3A TYPE D N	3A Double Pole 6kA MCB D Curve	£23.00
250189	BH-D6 2P 4A TYPE D N	4A Double Pole 6kA MCB D Curve	£23.00
250190	BH-D6 2P 6A TYPE D N	6A Double Pole 6kA MCB D Curve	£23.00
250191	BH-D6 2P 10A TYPE D N	10A Double Pole 6kA MCB D Curve	£23.00
250192	BH-D6 2P 13A TYPE D N	13A Double Pole 6kA MCB D Curve	£23.00
250193	BH-D6 2P 16A TYPE D N	16A Double Pole 6kA MCB D Curve	£23.00
250194	BH-D6 2P 20A TYPE D N	20A Double Pole 6kA MCB D Curve	£23.00
250195	BH-D6 2P 25A TYPE D N	25A Double Pole 6kA MCB D Curve	£23.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
250196	BH-D6 2P 32A TYPE D N	32A Double Pole 6kA MCB D Curve	£23.00
250197	BH-D6 2P 40A TYPE D N	40A Double Pole 6kA MCB D Curve	£23.00
250198	BH-D6 2P 50A TYPE D N	50A Double Pole 6kA MCB D Curve	£23.00
250199	BH-D6 2P 63A TYPE D N	63A Double Pole 6kA MCB D Curve	£23.00
250200	BH-D6 3P 0.5A TYPE D N	0.5A Triple Pole 6kA MCB D Curve	£34.00
250201	BH-D6 3P 1A TYPE D N	1A Triple Pole 6kA MCB D Curve	£34.00
250202	BH-D6 3P 1.6A TYPE D N	1.6A Triple Pole 6kA MCB D Curve	£34.00
250203	BH-D6 3P 2A TYPE D N	2A Triple Pole 6kA MCB D Curve	£34.00
250204	BH-D6 3P 3A TYPE D N	3A Triple Pole 6kA MCB D Curve	£34.00
250205	BH-D6 3P 4A TYPE D N	4A Triple Pole 6kA MCB D Curve	£34.00
250206	BH-D6 3P 6A TYPE D N	6A Triple Pole 6kA MCB D Curve	£34.00
250207	BH-D6 3P 10A TYPE D N	10A Triple Pole 6kA MCB D Curve	£34.00
250208	BH-D6 3P 13A TYPE D N	13A Triple Pole 6kA MCB D Curve	£34.00
250209	BH-D6 3P 16A TYPE D N	16A Triple Pole 6kA MCB D Curve	£34.00
250210	BH-D6 3P 20A TYPE D N	20A Triple Pole 6kA MCB D Curve	£34.00
250211	BH-D6 3P 25A TYPE D N	25A Triple Pole 6kA MCB D Curve	£34.00
250212	BH-D6 3P 32A TYPE D N	32A Triple Pole 6kA MCB D Curve	£34.00
250213	BH-D6 3P 40A TYPE D N	40A Triple Pole 6kA MCB D Curve	£34.00
250214	BH-D6 3P 50A TYPE D N	50A Triple Pole 6kA MCB D Curve	£34.00
250215	BH-D6 3P 63A TYPE D N	63A Triple Pole 6kA MCB D Curve	£34.00
250216	BH-D6 4P 0.5A TYPE D N	0.5A Four Pole 6kA MCB D Curve	£46.50
250217	BH-D6 4P 1A TYPE D N	1A Four Pole 6kA MCB D Curve	£46.50
250218	BH-D6 4P 1.6A TYPE D N	1.6A Four Pole 6kA MCB D Curve	£46.50
250219	BH-D6 4P 2A TYPE D N	2A Four Pole 6kA MCB D Curve	£46.50
250220	BH-D6 4P 3A TYPE D N	3A Four Pole 6kA MCB D Curve	£46.50
250221	BH-D6 4P 4A TYPE D N	4A Four Pole 6kA MCB D Curve	£46.50
250222	BH-D6 4P 6A TYPE D N	6A Four Pole 6kA MCB D Curve	£46.50
250223	BH-D6 4P 10A TYPE D N	10A Four Pole 6kA MCB D Curve	£46.50
250224	BH-D6 4P 13A TYPE D N	13A Four Pole 6kA MCB D Curve	£46.50
250225	BH-D6 4P 16A TYPE D N	16A Four Pole 6kA MCB D Curve	£46.50
250226	BH-D6 4P 20A TYPE D N	20A Four Pole 6kA MCB D Curve	£46.50
250227	BH-D6 4P 25A TYPE D N	25A Four Pole 6kA MCB D Curve	£46.50
250228	BH-D6 4P 32A TYPE D N	32A Four Pole 6kA MCB D Curve	£46.50
250229	BH-D6 4P 40A TYPE D N	40A Four Pole 6kA MCB D Curve	£46.50
250230	BH-D6 4P 50A TYPE D N	50A Four Pole 6kA MCB D Curve	£46.50
250231	BH-D6 4P 63A TYPE D N	63A Four Pole 6kA MCB D Curve	£46.50
BH-D10 Type B N			
247754	BH-D10 1P 0.5A TYPE B N	0.5A Single Pole 10kA MCB B Curve	£11.50
247755	BH-D10 1P 1A TYPE B N	1A Single Pole 10kA MCB B Curve	£11.50
247756	BH-D10 1P 1.6A TYPE B N	1.6A Single Pole 10kA MCB B Curve	£11.50
247757	BH-D10 1P 2A TYPE B N	2A Single Pole 10kA MCB B Curve	£11.50
247758	BH-D10 1P 3A TYPE B N	3A Single Pole 10kA MCB B Curve	£11.50
247759	BH-D10 1P 4A TYPE B N	4A Single Pole 10kA MCB B Curve	£11.50
247760	BH-D10 1P 6A TYPE B N	6A Single Pole 10kA MCB B Curve	£11.50
247761	BH-D10 1P 10A TYPE B N	10A Single Pole 10kA MCB B Curve	£11.50
247762	BH-D10 1P 13A TYPE B N	13A Single Pole 10kA MCB B Curve	£11.50
247763	BH-D10 1P 16A TYPE B N	16A Single Pole 10kA MCB B Curve	£11.50
247764	BH-D10 1P 20A TYPE B N	20A Single Pole 10kA MCB B Curve	£11.50
247765	BH-D10 1P 25A TYPE B N	25A Single Pole 10kA MCB B Curve	£11.50
247766	BH-D10 1P 32A TYPE B N	32A Single Pole 10kA MCB B Curve	£11.50
247767	BH-D10 1P 40A TYPE B N	40A Single Pole 10kA MCB B Curve	£11.50
247768	BH-D10 1P 50A TYPE B N	50A Single Pole 10kA MCB B Curve	£11.50
247769	BH-D10 1P 63A TYPE B N	63A Single Pole 10kA MCB B Curve	£11.50
247770	BH-D10 2P 0.5A TYPE B N	0.5A Double Pole 10kA MCB B Curve	£23.00
247771	BH-D10 2P 1A TYPE B N	1A Double Pole 10kA MCB B Curve	£23.00
247772	BH-D10 2P 1.6A TYPE B N	1.6A Double Pole 10kA MCB B Curve	£23.00
247773	BH-D10 2P 2A TYPE B N	2A Double Pole 10kA MCB B Curve	£23.00
247774	BH-D10 2P 3A TYPE B N	3A Double Pole 10kA MCB B Curve	£23.00
247775	BH-D10 2P 4A TYPE B N	4A Double Pole 10kA MCB B Curve	£23.00
247776	BH-D10 2P 6A TYPE B N	6A Double Pole 10kA MCB B Curve	£23.00
247777	BH-D10 2P 10A TYPE B N	10A Double Pole 10kA MCB B Curve	£23.00
247778	BH-D10 2P 13A TYPE B N	13A Double Pole 10kA MCB B Curve	£23.00
247779	BH-D10 2P 16A TYPE B N	16A Double Pole 10kA MCB B Curve	£23.00
247780	BH-D10 2P 20A TYPE B N	20A Double Pole 10kA MCB B Curve	£23.00
247781	BH-D10 2P 25A TYPE B N	25A Double Pole 10kA MCB B Curve	£23.00
247782	BH-D10 2P 32A TYPE B N	32A Double Pole 10kA MCB B Curve	£23.00
247783	BH-D10 2P 40A TYPE B N	40A Double Pole 10kA MCB B Curve	£23.00
247784	BH-D10 2P 50A TYPE B N	50A Double Pole 10kA MCB B Curve	£23.00
247785	BH-D10 2P 63A TYPE B N	63A Double Pole 10kA MCB B Curve	£23.00
247786	BH-D10 3P 0.5A TYPE B N	0.5A Triple Pole 10kA MCB B Curve	£30.00
247787	BH-D10 3P 1A TYPE B N	1A Triple Pole 10kA MCB B Curve	£30.00
247788	BH-D10 3P 1.6A TYPE B N	1.6A Triple Pole 10kA MCB B Curve	£30.00
247789	BH-D10 3P 2A TYPE B N	2A Triple Pole 10kA MCB B Curve	£30.00
247790	BH-D10 3P 3A TYPE B N	3A Triple Pole 10kA MCB B Curve	£30.00
247791	BH-D10 3P 4A TYPE B N	4A Triple Pole 10kA MCB B Curve	£30.00
247792	BH-D10 3P 6A TYPE B N	6A Triple Pole 10kA MCB B Curve	£30.00
247793	BH-D10 3P 10A TYPE B N	10A Triple Pole 10kA MCB B Curve	£30.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
247794	BH-D10 3P 13A TYPE B N	13A Triple Pole 10kA MCB B Curve	£30.00
247795	BH-D10 3P 16A TYPE B N	16A Triple Pole 10kA MCB B Curve	£30.00
247796	BH-D10 3P 20A TYPE B N	20A Triple Pole 10kA MCB B Curve	£30.00
247797	BH-D10 3P 25A TYPE B N	25A Triple Pole 10kA MCB B Curve	£30.00
247798	BH-D10 3P 32A TYPE B N	32A Triple Pole 10kA MCB B Curve	£30.00
247799	BH-D10 3P 40A TYPE B N	40A Triple Pole 10kA MCB B Curve	£30.00
247800	BH-D10 3P 50A TYPE B N	50A Triple Pole 10kA MCB B Curve	£30.00
247801	BH-D10 3P 63A TYPE B N	63A Triple Pole 10kA MCB B Curve	£30.00
247802	BH-D10 4P 0.5A TYPE B N	0.5A Four Pole 10kA MCB B Curve	£41.00
247803	BH-D10 4P 1A TYPE B N	1A Four Pole 10kA MCB B Curve	£41.00
247804	BH-D10 4P 1.6A TYPE B N	1.6A Four Pole 10kA MCB B Curve	£41.00
247805	BH-D10 4P 2A TYPE B N	2A Four Pole 10kA MCB B Curve	£41.00
247806	BH-D10 4P 3A TYPE B N	3A Four Pole 10kA MCB B Curve	£41.00
247807	BH-D10 4P 4A TYPE B N	4A Four Pole 10kA MCB B Curve	£41.00
247808	BH-D10 4P 6A TYPE B N	6A Four Pole 10kA MCB B Curve	£41.00
247809	BH-D10 4P 10A TYPE B N	10A Four Pole 10kA MCB B Curve	£41.00
247810	BH-D10 4P 13A TYPE B N	13A Four Pole 10kA MCB B Curve	£41.00
247811	BH-D10 4P 16A TYPE B N	16A Four Pole 10kA MCB B Curve	£41.00
247812	BH-D10 4P 20A TYPE B N	20A Four Pole 10kA MCB B Curve	£41.00
247813	BH-D10 4P 25A TYPE B N	25A Four Pole 10kA MCB B Curve	£41.00
247814	BH-D10 4P 32A TYPE B N	32A Four Pole 10kA MCB B Curve	£41.00
247815	BH-D10 4P 40A TYPE B N	40A Four Pole 10kA MCB B Curve	£41.00
247816	BH-D10 4P 50A TYPE B N	50A Four Pole 10kA MCB B Curve	£41.00
247817	BH-D10 4P 63A TYPE B N	63A Four Pole 10kA MCB B Curve	£41.00
247818	BH-D10 1P 0.5A TYPE B DC N	0.5A Single Pole 10kA MCB B Curve For DC	£14.50
247819	BH-D10 1P 1A TYPE B DC N	1A Single Pole 10kA MCB B Curve For DC	£14.50
247820	BH-D10 1P 1.6A TYPE B DC N	1.6A Single Pole 10kA MCB B Curve For DC	£14.50
247821	BH-D10 1P 2A TYPE B DC N	2A Single Pole 10kA MCB B Curve For DC	£14.50
247822	BH-D10 1P 3A TYPE B DC N	3A Single Pole 10kA MCB B Curve For DC	£14.50
247823	BH-D10 1P 4A TYPE B DC N	4A Single Pole 10kA MCB B Curve For DC	£14.50
247824	BH-D10 1P 6A TYPE B DC N	6A Single Pole 10kA MCB B Curve For DC	£14.50
247825	BH-D10 1P 10A TYPE B DC N	10A Single Pole 10kA MCB B Curve For DC	£14.50
247826	BH-D10 1P 13A TYPE B DC N	13A Single Pole 10kA MCB B Curve For DC	£14.50
247827	BH-D10 1P 16A TYPE B DC N	16A Single Pole 10kA MCB B Curve For DC	£14.50
247828	BH-D10 1P 20A TYPE B DC N	20A Single Pole 10kA MCB B Curve For DC	£14.50
247829	BH-D10 1P 25A TYPE B DC N	25A Single Pole 10kA MCB B Curve For DC	£14.50
247830	BH-D10 1P 32A TYPE B DC N	32A Single Pole 10kA MCB B Curve For DC	£14.50
247831	BH-D10 1P 40A TYPE B DC N	40A Single Pole 10kA MCB B Curve For DC	£14.50
247832	BH-D10 1P 50A TYPE B DC N	50A Single Pole 10kA MCB B Curve For DC	£14.50
247833	BH-D10 1P 63A TYPE B DC N	63A Single Pole 10kA MCB B Curve For DC	£14.50
247834	BH-D10 2P 0.5A TYPE B DC N	0.5A Double Pole 10kA MCB B Curve For DC	£30.00
247835	BH-D10 2P 1A TYPE B DC N	1A Double Pole 10kA MCB B Curve For DC	£30.00
247836	BH-D10 2P 1.6A TYPE B DC N	1.6A Double Pole 10kA MCB B Curve For DC	£30.00
247837	BH-D10 2P 2A TYPE B DC N	2A Double Pole 10kA MCB B Curve For DC	£30.00
247838	BH-D10 2P 3A TYPE B DC N	3A Double Pole 10kA MCB B Curve For DC	£30.00
247839	BH-D10 2P 4A TYPE B DC N	4A Double Pole 10kA MCB B Curve For DC	£30.00
247840	BH-D10 2P 6A TYPE B DC N	6A Double Pole 10kA MCB B Curve For DC	£30.00
247841	BH-D10 2P 10A TYPE B DC N	10A Double Pole 10kA MCB B Curve For DC	£30.00
247842	BH-D10 2P 13A TYPE B DC N	13A Double Pole 10kA MCB B Curve For DC	£30.00
247843	BH-D10 2P 16A TYPE B DC N	16A Double Pole 10kA MCB B Curve For DC	£30.00
247844	BH-D10 2P 20A TYPE B DC N	20A Double Pole 10kA MCB B Curve For DC	£30.00
247845	BH-D10 2P 25A TYPE B DC N	25A Double Pole 10kA MCB B Curve For DC	£30.00
247846	BH-D10 2P 32A TYPE B DC N	32A Double Pole 10kA MCB B Curve For DC	£30.00
247847	BH-D10 2P 40A TYPE B DC N	40A Double Pole 10kA MCB B Curve For DC	£30.00
247848	BH-D10 2P 50A TYPE B DC N	50A Double Pole 10kA MCB B Curve For DC	£30.00
247849	BH-D10 2P 63A TYPE B DC N	63A Double Pole 10kA MCB B Curve For DC	£30.00
BH-D10 Type C N			
247850	BH-D10 1P 0.5A TYPE C N	0.5A Single Pole 10kA MCB C Curve	£10.50
247851	BH-D10 1P 1A TYPE C N	1A Single Pole 10kA MCB C Curve	£10.50
247852	BH-D10 1P 1.6A TYPE C N	1.6A Single Pole 10kA MCB C Curve	£10.50
247853	BH-D10 1P 2A TYPE C N	2A Single Pole 10kA MCB C Curve	£10.50
247854	BH-D10 1P 3A TYPE C N	3A Single Pole 10kA MCB C Curve	£10.50
247855	BH-D10 1P 4A TYPE C N	4A Single Pole 10kA MCB C Curve	£10.50
247856	BH-D10 1P 6A TYPE C N	6A Single Pole 10kA MCB C Curve	£10.50
247857	BH-D10 1P 10A TYPE C N	10A Single Pole 10kA MCB C Curve	£10.50
247858	BH-D10 1P 13A TYPE C N	13A Single Pole 10kA MCB C Curve	£10.50
247859	BH-D10 1P 16A TYPE C N	16A Single Pole 10kA MCB C Curve	£10.50
247860	BH-D10 1P 20A TYPE C N	20A Single Pole 10kA MCB C Curve	£10.50
247861	BH-D10 1P 25A TYPE C N	25A Single Pole 10kA MCB C Curve	£10.50
247862	BH-D10 1P 32A TYPE C N	32A Single Pole 10kA MCB C Curve	£10.50
247863	BH-D10 1P 40A TYPE C N	40A Single Pole 10kA MCB C Curve	£10.50
247864	BH-D10 1P 50A TYPE C N	50A Single Pole 10kA MCB C Curve	£10.50
247865	BH-D10 1P 63A TYPE C N	63A Single Pole 10kA MCB C Curve	£10.50
247866	BH-D10 2P 0.5A TYPE C N	0.5A Double Pole 10kA MCB C Curve	£24.00
247867	BH-D10 2P 1A TYPE C N	1A Double Pole 10kA MCB C Curve	£24.00
247868	BH-D10 2P 1.6A TYPE C N	1.6A Double Pole 10kA MCB C Curve	£24.00
247869	BH-D10 2P 2A TYPE C N	2A Double Pole 10kA MCB C Curve	£24.00



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
247870	BH-D10 2P 3A TYPE C N	3A Double Pole 10kA MCB C Curve	£24.00
247871	BH-D10 2P 4A TYPE C N	4A Double Pole 10kA MCB C Curve	£24.00
247872	BH-D10 2P 6A TYPE C N	6A Double Pole 10kA MCB C Curve	£24.00
247873	BH-D10 2P 10A TYPE C N	10A Double Pole 10kA MCB C Curve	£24.00
247874	BH-D10 2P 13A TYPE C N	13A Double Pole 10kA MCB C Curve	£24.00
247875	BH-D10 2P 16A TYPE C N	16A Double Pole 10kA MCB C Curve	£24.00
247876	BH-D10 2P 20A TYPE C N	20A Double Pole 10kA MCB C Curve	£24.00
247877	BH-D10 2P 25A TYPE C N	25A Double Pole 10kA MCB C Curve	£24.00
247878	BH-D10 2P 32A TYPE C N	32A Double Pole 10kA MCB C Curve	£24.00
247879	BH-D10 2P 40A TYPE C N	40A Double Pole 10kA MCB C Curve	£24.00
247880	BH-D10 2P 50A TYPE C N	50A Double Pole 10kA MCB C Curve	£24.00
247881	BH-D10 2P 63A TYPE C N	63A Double Pole 10kA MCB C Curve	£24.00
247882	BH-D10 3P 0.5A TYPE C N	0.5A Triple Pole 10kA MCB C Curve	£30.00
247883	BH-D10 3P 1A TYPE C N	1A Triple Pole 10kA MCB C Curve	£30.00
247884	BH-D10 3P 1.6A TYPE C N	1.6A Triple Pole 10kA MCB C Curve	£30.00
247885	BH-D10 3P 2A TYPE C N	2A Triple Pole 10kA MCB C Curve	£30.00
247886	BH-D10 3P 3A TYPE C N	3A Triple Pole 10kA MCB C Curve	£30.00
247887	BH-D10 3P 4A TYPE C N	4A Triple Pole 10kA MCB C Curve	£30.00
247888	BH-D10 3P 6A TYPE C N	6A Triple Pole 10kA MCB C Curve	£30.00
247889	BH-D10 3P 10A TYPE C N	10A Triple Pole 10kA MCB C Curve	£30.00
247890	BH-D10 3P 13A TYPE C N	13A Triple Pole 10kA MCB C Curve	£30.00
247891	BH-D10 3P 16A TYPE C N	16A Triple Pole 10kA MCB C Curve	£30.00
247892	BH-D10 3P 20A TYPE C N	20A Triple Pole 10kA MCB C Curve	£30.00
247893	BH-D10 3P 25A TYPE C N	25A Triple Pole 10kA MCB C Curve	£30.00
247894	BH-D10 3P 32A TYPE C N	32A Triple Pole 10kA MCB C Curve	£30.00
247895	BH-D10 3P 40A TYPE C N	40A Triple Pole 10kA MCB C Curve	£30.00
247896	BH-D10 3P 50A TYPE C N	50A Triple Pole 10kA MCB C Curve	£30.00
247897	BH-D10 3P 63A TYPE C N	63A Triple Pole 10kA MCB C Curve	£30.00
247898	BH-D10 4P 0.5A TYPE C N	0.5A Four Pole 10kA MCB C Curve	£41.00
247899	BH-D10 4P 1A TYPE C N	1A Four Pole 10kA MCB C Curve	£41.00
247900	BH-D10 4P 1.6A TYPE C N	1.6A Four Pole 10kA MCB C Curve	£41.00
247901	BH-D10 4P 2A TYPE C N	2A Four Pole 10kA MCB C Curve	£41.00
247902	BH-D10 4P 3A TYPE C N	3A Four Pole 10kA MCB C Curve	£41.00
247903	BH-D10 4P 4A TYPE C N	4A Four Pole 10kA MCB C Curve	£41.00
247904	BH-D10 4P 6A TYPE C N	6A Four Pole 10kA MCB C Curve	£41.00
247905	BH-D10 4P 10A TYPE C N	10A Four Pole 10kA MCB C Curve	£41.00
247906	BH-D10 4P 13A TYPE C N	13A Four Pole 10kA MCB C Curve	£41.00
247907	BH-D10 4P 16A TYPE C N	16A Four Pole 10kA MCB C Curve	£41.00
247908	BH-D10 4P 20A TYPE C N	20A Four Pole 10kA MCB C Curve	£41.00
247909	BH-D10 4P 25A TYPE C N	25A Four Pole 10kA MCB C Curve	£41.00
247910	BH-D10 4P 32A TYPE C N	32A Four Pole 10kA MCB C Curve	£41.00
247911	BH-D10 4P 40A TYPE C N	40A Four Pole 10kA MCB C Curve	£41.00
247912	BH-D10 4P 50A TYPE C N	50A Four Pole 10kA MCB C Curve	£41.00
247913	BH-D10 4P 63A TYPE C N	63A Four Pole 10kA MCB C Curve	£41.00
247914	BH-D10 1P 0.5A TYPE C DC N	0.5A Single Pole 10kA MCB C Curve For DC	£14.50
247915	BH-D10 1P 1A TYPE C DC N	1A Single Pole 10kA MCB C Curve For DC	£14.50
247916	BH-D10 1P 1.6A TYPE C DC N	1.6A Single Pole 10kA MCB C Curve For DC	£14.50
247917	BH-D10 1P 2A TYPE C DC N	2A Single Pole 10kA MCB C Curve For DC	£14.50
247918	BH-D10 1P 3A TYPE C DC N	3A Single Pole 10kA MCB C Curve For DC	£14.50
247919	BH-D10 1P 4A TYPE C DC N	4A Single Pole 10kA MCB C Curve For DC	£14.50
247920	BH-D10 1P 6A TYPE C DC N	6A Single Pole 10kA MCB C Curve For DC	£14.50
247921	BH-D10 1P 10A TYPE C DC N	10A Single Pole 10kA MCB C Curve For DC	£14.50
247922	BH-D10 1P 13A TYPE C DC N	13A Single Pole 10kA MCB C Curve For DC	£14.50
247923	BH-D10 1P 16A TYPE C DC N	16A Single Pole 10kA MCB C Curve For DC	£14.50
247924	BH-D10 1P 20A TYPE C DC N	20A Single Pole 10kA MCB C Curve For DC	£14.50
247925	BH-D10 1P 25A TYPE C DC N	25A Single Pole 10kA MCB C Curve For DC	£14.50
247926	BH-D10 1P 32A TYPE C DC N	32A Single Pole 10kA MCB C Curve For DC	£14.50
247927	BH-D10 1P 40A TYPE C DC N	40A Single Pole 10kA MCB C Curve For DC	£14.50
247928	BH-D10 1P 50A TYPE C DC N	50A Single Pole 10kA MCB C Curve For DC	£14.50
247929	BH-D10 1P 63A TYPE C DC N	63A Single Pole 10kA MCB C Curve For DC	£14.50
247930	BH-D10 2P 0.5A TYPE C DC N	0.5A Double Pole 10kA MCB C Curve For DC	£30.00
247931	BH-D10 2P 1A TYPE C DC N	1A Double Pole 10kA MCB C Curve For DC	£30.00
247932	BH-D10 2P 1.6A TYPE C DC N	1.6A Double Pole 10kA MCB C Curve For DC	£30.00
247933	BH-D10 2P 2A TYPE C DC N	2A Double Pole 10kA MCB C Curve For DC	£30.00
247934	BH-D10 2P 3A TYPE C DC N	3A Double Pole 10kA MCB C Curve For DC	£30.00
247935	BH-D10 2P 4A TYPE C DC N	4A Double Pole 10kA MCB C Curve For DC	£30.00
247936	BH-D10 2P 6A TYPE C DC N	6A Double Pole 10kA MCB C Curve For DC	£30.00
247937	BH-D10 2P 10A TYPE C DC N	10A Double Pole 10kA MCB C Curve For DC	£30.00
247938	BH-D10 2P 13A TYPE C DC N	13A Double Pole 10kA MCB C Curve For DC	£30.00
247939	BH-D10 2P 16A TYPE C DC N	16A Double Pole 10kA MCB C Curve For DC	£30.00
247940	BH-D10 2P 20A TYPE C DC N	20A Double Pole 10kA MCB C Curve For DC	£30.00
247941	BH-D10 2P 25A TYPE C DC N	25A Double Pole 10kA MCB C Curve For DC	£30.00
247942	BH-D10 2P 32A TYPE C DC N	32A Double Pole 10kA MCB C Curve For DC	£30.00
247943	BH-D10 2P 40A TYPE C DC N	40A Double Pole 10kA MCB C Curve For DC	£30.00
247944	BH-D10 2P 50A TYPE C DC N	50A Double Pole 10kA MCB C Curve For DC	£30.00
247945	BH-D10 2P 63A TYPE C DC N	63A Double Pole 10kA MCB C Curve For DC	£30.00

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
-----------	---------------	-------------	-------



LAWTON ELECTRICAL SERVICES LTD
Service Centre, Power House,
Gate 6 Meltham Mills Industrial Estate,
Meltham Mills Road, Meltham,
Holmfirth, Huddersfield,
England, HD9 4DS

Tel: +44(0)1484 851355
Fax: +44(0)1484 852715
Email: info@lesl.co.uk

STOCK NO.	CATALOGUE NO.	DESCRIPTION	PRICE
SERVICE AND TRAINING			
Diamond Service			
TBA	1 Diamond Support	24/7 Telephone support contract	£1,128.00
TBA	2 Diamond Support	24/7 Support contract + 24hr chargeable call-out facility	£3,895.00
TBA	3 Diamond Support	24/7 Total care package	£0.00
Service Call Outs			
TBA	Standard Time	Hourly charge for engineers on site between 9am - 5pm normal working days	£113.00
TBA	Out of Hours	Hourly charge for engineers at all other times	£159.00
TBA	Travelling Time	See hourly charges above	£0.00
TBA	Robot System Call Out	Call out charge	£0.00
Commissioning Assistance Visit			
219906	Comm asst Day	Pre booked On site Commissioning assistance (Day rate)	£785.00
219908	Comm asst Hour	Pre Booked On site Commissioning assistance (Hourly rate)	£113.00
219909	ND Comm asst Day	Next Day On site Commissioning assistance (Day rate)	£1,282.00
Surveys			
219910	Harmonic Survey Day	On site Harmonic Survey (Day rate)	£785.00
219912	G5/4-1 Compliance Survey Week	On site G5/4-1 Compliance Survey (1 Week)	£2,614.00
Training Courses			
PLC Courses			
160188	PLC Introduction	2 Day course (based around GX Works software)	£462.00
160186	PLC Advanced	2 Day course (based around GX Works software)	£462.00
160185	FX PLC Introduction	2 Day course (based around GX or GX-IEC Developer software)	£462.00
160184	FX PLC Advanced	2 Day course (based around GX or GX-IEC Developer software)	£462.00
160188	Q PLC Introduction	2 Day course (based around GX or GX-IEC Developer software)	£462.00
160186	Q PLC Advanced	2 Day course (based around GX or GX-IEC Developer software)	£462.00
227838	FX PLC Maintenance	1 Day course	£257.00
227838	Q PLC Maintenance	1 Day course	£257.00
Software Courses			
213153	IEC Programming Software	2 Day course (using GX-IEC Developer programming software (IEC 61131-3))	£462.00
227839	MAPS Scada	3 Day course	£974.00
Network Courses			
242540	Networking	1 Day course	£257.00
Inverter Courses			
149338	VSD Introduction	1 Day course	£257.00
HMI Courses			
241812	iX Panel / E Series HMI	2 Day course	£462.00
241539	GOT HMI	2 Day course	£462.00
Servo & Positioning			
248219	Servo	1 Day course	£257.00
248220	FX Positioning	1 Day course	£257.00
248220	QD75 Positioning	1 Day course	£257.00
Robot			
242540	Robot Maintenance	1 Day course	£257.00
242540	Robot Programming	2 Day course	£462.00
On-site training			
242540	On-site training	Price per day plus expenses for up to 6 people maximum. Topics and duration TBA.	£1,128.00