



GENERAL & INDUSTRIAL PRODUCTS

WE SIMPLIFY, INNOVATE, ELEVATE

The background of the entire page is a grayscale photograph of a construction site. In the foreground, a worker wearing a hard hat and safety glasses is seen from behind, looking towards the site. The worker's shirt has the "GARO" logo on it. Overlaid on the right side of the image is a large, white, sans-serif number "24".

24

CONSUMER UNITS
CIRCUIT PROTECTION
INDUSTRIAL PLUGS & SOCKETS
EV CHARGING
ENCLOSURES
ENCLOSED SAFETY SWITCHES
INDUSTRIAL

WWW.GARO.IE

Contents

CONSUMER UNITS

Consumer Units IP40 Surface - Type A	2
Consumer Units IP40 Flush - Type A	3
Consumer Units IP40 Surface - Type B	4
Consumer Units Wide Range XL	5
Consumer Units IP40 Flush - Type B	5
Shower Priority & Non Priority	7
Consumer Units Accessories	8

NEW

CIRCUIT PROTECTION

Miniature Circuit Breaker	10
Arc Fault Detection	15
Residual Current Circuit Breaker (RCD)	17
Residual Current Breaker (RCBO)	19
Modular Isolator	22
Digital Timers	23
Multifunction Timer	23
Test Relays & Time Lag Switches	24
Shower Relays	24
Kilowatt Hour Meters	24
Contactors	25
Switch Fuses DO Type	25
Surge Protection Devices	26
Busbar	28
Bell Transformer - Door Chime	29
Terminal Blocks	29
Distribution Blocks	30
TPN Distribution Boards	30
Long RCBO 10kA	31

NEW

NEW

ENCLOSURES

Junction Boxes IP67	33
Plastic Enclosures	34
Distribution Enclosures IP40 - IP41	35

NEW

ENCLOSED SAFETY SWITCHES

Safety Switches AC	37
Safety Switches DC	37
Isolator Switches Enclosed IP53 IP55 IP65	38
Fuse Switches NH Type IP65 IP55	39
Changeover Switches	39
Metal Clad Switchgear /ESB CT Chamber	41
Fuses & Fuse Bases	42

EV CHARGING

Entity 7.4 kW Home Chargers	44
Entity 22kW Public Wall Chargers	45
GTB+ Dual Chargers	47
LS4 Pillar Chargers	48
EV Accessories	49
EV Distribution Boards	50
Fast DC Charger 24kW	51
Rapid Chargers 60 kW, 120kW & 180kW	52

NEW

NEW

NEW

INDUSTRIAL PLUGS & SOCKETS

Easy Finder - Popular Items	55
Plugtops	56
Couplers	59
Sockets & Inlets - Wall Mounting	61
3 Way - Connection Outlets	65
16A to 13A BS Adaptor	65
Panel Mounting Outlets & Inlet	66
Combination Units	70
Interlocked Socket Outlets	71
GARO Entertainment Range	73



DISTRIBUTION BLOCKS & PANEL ACCESSORIES



Distribution & Busbar Blocks	77
Power Terminals & Busbar Clamps	77

ACB & MCCB



Air Circuit Breakers	78
Moulded Case Circuit Breakers	81
Power Contactors	84

SOCOMEK SWITCHGEAR

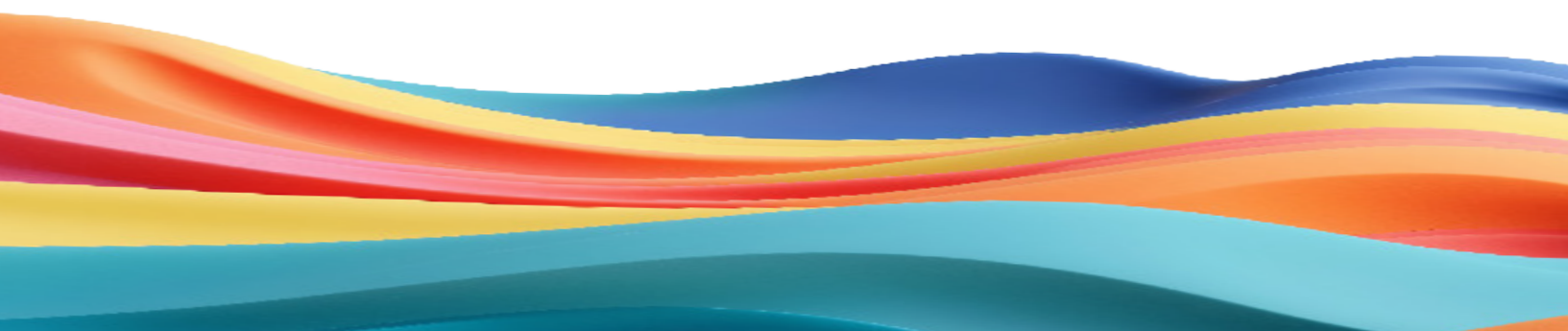


ATyS Automatic Transfer Switch	83
Automatic Transfer Switch Enclosed	88
SIRCO Isolating Switches	89
SIRCO Load Break Switches	91
SIRCO Changeover - Bypass Switch	93
Fuse Switches	98

ENERGY MANAGEMENT



DIRIS Digiware	100
DIRISA40	104
DIRIS Energy Metering	105
COUNTIS Energy Metering	107
Current Transformers	109
Resys Earth Leakage Relays & Core Balance Transformers	115



CONSUMER UNITS

Innovate, Design, Deliver

4 Step process to an easy install



Installations with GARO Customised Units

We also offer bespoke consumer units to suit individual project requirements. Please contact a member of our project sales team and let us create your bespoke consumer unit to meet your exact needs.

- ✓ Excellent Stock Availability
- ✓ Fast Manufacturing Time
- ✓ Competitively Priced
- ✓ Design and Support
- ✓ GARO Excellence Team



CONSUMER UNITS - SURFACE

TYPE A SURFACE CONSUMER UNITS IP40 C/W MAIN MCB 10kA, 2 x RCCB, 7x MCB



Main MCB Type B 10kA

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
G118B-7A	S1-18	18	5	MCB 63A	2 x 40A	7	Option	183.38
G224B-7A	S2-24	24	11	MCB 63A	2 x 63A	7	Option	217.01
G336B-7A	S3-36	36	23	MCB 63A	2 x 63A	7	Option	251.82



Main MCB Type B 10kA & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
G118B-7AS	S1-18	18	3	MCB 63A	2 x 40A	7	Yes	249.19
G224B-7AS	S2-24	24	9	MCB 63A	2 x 63A	7	Yes	285.74
G336B-7AS	S3-36	36	21	MCB 63A	2 x 63A	7	Yes	321.32

TYPE A SURFACE CONSUMER UNITS IP40 C/W MAIN ISOLATOR 100AMP



Main Isolator 100A

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
G118I-7A	S1-18	18	5	Isolator	2 x 40A	7	Option	182.68
G224I-7A	S2-24	24	11	Isolator	2 x 63A	7	Option	217.01
G336I-7A	S3-36	36	23	Isolator	2 x 63A	7	Option	251.82



Main Isolator 100A & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
G118I-7AS	S1-18	18	3	Isolator	2 x 40A	7	Yes	249.19
G224I-7AS	S2-24	24	9	Isolator	2 x 63A	7	Yes	285.04
G336I-7AS	S3-26	36	21	Isolator	2 x 63A	7	Yes	320.63



TYPE A FLUSH CONSUMER UNITS IP40 C/W MAIN MCB 10kA , 2 x RCCB, 7 x MCB

Main MCB Type B 10kA

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
F114B-7A	GME14	14	1	MCB 63A	2 x 40A	7	No	243.77
F228B-7A	GME28	28	15	MCB 63A	2 x 63A	7	Option	265.31
F342B-7A	GME42	42	29	MCB 63A	2 x 63A	7	Option	294.31

Main MCB Type B 10kA & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
F228B-7AS	GME28PO-PH-GO	28	13	MCB 63A	2 x 63A	7	Yes	333.10
F342B-7AS	GME42PO-PH-GO	42	27	MCB 63A	2 x 63A	7	Yes	363.04



F228B-7A

TYPE A FLUSH CONSUMER UNITS IP40 C/W MAIN ISOLATOR 100 AMP

Main Isolator 100A

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
F114I-7A	GME14PO-PH-GO	14	1	Isolator	2 x 40A	7	No	243.77
F228I-7A	GME28PO-PH-GO	28	15	Isolator	2 x 63A	7	Option	264.61
F342I-7A	GME42PO-PH-GO	42	29	Isolator	2 x 63A	7	Option	293.61

Main Isolator 100A & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCCB	MCB	Surge	Trade Price
F228I-7AS	GME28PO-PH-GO	28	13	Isolator	2 x 63A	7	Yes	332.41
F342I-7AS	GME42PO-PH-GO	42	27	Isolator	2 x 63A	7	Yes	362.34



MAIN OVER CURRENT PROTECTIVE DEVICE IP65 - SINGLE PHASE

Item	Enclosure	Total Modules	Free Modules	Incoming Device	Surge	Trade Price
G4-63B	CDN4G	4	3	MCB 63A 10KA type B	No	33.35
G4-80B	CDN4G	4	2	MCB 80A 10KA type B	No	51.31
G4-80C	CDN4G	4	2	MCB 80A 10KA type C	No	51.31
G4-100C	CDN4G	4	2	MCB 100A 10KA type C	No	57.73



G4-63B



TYPE B SURFACE CONSUMER UNITS IP40 C/W MAIN MCB 10kA, 1 x RCCB, 2 x RCBO, 5 x MCB

Main MCB Type B 10kA

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G118B-7B	S1-18	18	5	MCB 63A	2	1 x 63A	5	Option	214.89
G224B-7B	S2-24	24	11	MCB 63A	2	1 x 63A	5	Option	234.47
G336B-7B	S3-26	36	23	MCB 63A	2	1 x 63A	5	Option	269.26

Main MCB Type B 10kA & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G118B-7BS	S1-18	18	3	MCB 63A	2	1 x 63A	5	Yes	249.19
G224B-7BS	S2-24	24	9	MCB 63A	2	1 x 63A	5	Yes	285.74
G336B-7BS	S3-36	36	21	MCB 63A	2	1 x 63A	5	Yes	321.32

TYPE B SURFACE CONSUMER UNITS IP40 C/W MAIN ISOLATOR 100AMP

Main Isolator 100A

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G118I-7B	S1-18	18	5	Isolator	2	1 X 63A	5	Option	222.23
G224I-7B	S2-24	24	11	Isolator	2	1 x 63A	5	Option	234.47
G336I-7B	S3-36	36	23	Isolator	2	1 x 63A	5	Option	269.26

Main Isolator 100A & Surge Protection

Item	Enclosure	Total Modules	Free Module	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G118I-7BS	S1-18	18	3	Isolator	2	1 x 63A	5	Yes	283.27
G224I-7BS	S2-24	24	9	Isolator	2	1 x 63A	5	Yes	329.24
G336I-7BS	S3-36	36	21	Isolator	2	1 x 63A	5	Yes	360.19

NEW

XL Consumer Unit Range

- ✓ Available in 1, 2, & 3 Row
- ✓ Wide Range to Suit All Installations
- ✓ Excellent Stock Availability
- ✓ Option To Customise

WIDE XL CONSUMER UNITS RANGE

1 Row Surface 18 Module's

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G118B-7B	S1-18	18	5	MCB 63A	2	1 x 63A	5	Option	214.89
G118B-7BS	S1-18	18	4	MCB 63A	2	1 x 63A	5	Yes	249.19
G118I-7B	S1-18	18	5	Isolator	2	1 x 63A	5	Option	222.23
G118I-7BS	S1-18	18	4	Isolator	2	1 x 63A	5	Yes	283.27

2 Row Surface 36 Module's

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G236B-7B	S2-36	36	23	MCB 63A	2	1 x 63A	5	Option	313.00
G236B-7BS	S2-36	36	22	MCB 63A	2	1 x 63A	5	Yes	371.00
G263I-7B	S2-36	36	23	Isolator	2	1 x 63A	5	Option	313.00
G263I-7BS	S2-36	36	22	Isolator	2	1 x 63A	5	Yes	371.00

3 Row Surface 54 Module's

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
G354B-7B	S2-36	54	41	MCB 63A	2	1 x 63A	5	Option	350.00
G354B-7BS	S2-36	54	40	MCB 63A	2	1 x 63A	5	Yes	409.00
G354I-7B	S2-36	54	41	Isolator	2	1 x 63A	5	Option	350.00
G354I-7BS	S2-36	54	40	Isolator	2	1 x 63A	5	Yes	409.00

NEW

CONSUMER UNITS

TYPE B FLUSH CONSUMER UNITS C/W MAIN MCB 10kA, 1 x RCCB, 2 x RCBO, 5 x MCB

Main MCB Type B 10kA

Item	Enclosure	Total	Free	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
F228B-7B	GME28	28	15	MCB 63A	2	1 x 63A	5	Option	282.75
F342B-7B	GME42	42	29	MCB 63A	2	1 x 63A	5	Option	311.05



Main MCB Type B 10kA & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
F228B-7BS	GME28	28	13	MCB 63A	2	1 x 63A	5	Yes	332.41
F342B-7BS	GME42	42	27	MCB 63A	2	1 x 63A	5	Yes	362.34

F228B-7B

TYPE B FLUSH CONSUMER UNITS C/W MAIN ISOLATOR 100AMP

Main Isolator 100A

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
F228I-7B	GME28PO-PH-GO	28	15	Isolator	2	1 x 63A	5	Option	282.05
F342I-7B	GME42PO-PH-GO	42	29	Isolator	2	1 x 63A	5	Option	311.05



F342I-7BS

Main Isolator 100A & Surge Protection

Item	Enclosure	Total Modules	Free Modules	Incoming	RCBO	RCCB	MCB	Surge	Trade Price
F228I-7BS	GME28PO-PH-GO	28	13	Isolator	2	1 x 63A	5	Yes	369.09
F342I-7BS	GME42PO-PH-GO	42	27	Isolator	2	1 x 63A	5	Yes	401.18

SHOWER BOARDS - PRIORITY & NON PRIORITY

Item	Enclosure	Incoming	Description	Relays	Timer	Trade Price
CV8-PS1	CV8PO-RR	40A RCBO	Priority	1	0	218.10
CV8-NPS	CV8PO-RR	40A RCBO	Non Priority	2	0	317.16
CV12-NPST	CV12PO-RR	40A RCBO	Non Priority	2	1	404.81
G13-3NPS	G1-13	40A RCBO	Non Priority	3	0	572.07



CV8-PS1



CONSUMER UNIT ACCESSORIES

Minature Circuit Breakers Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB106	6	12	7.72
MCB GRB110	10	12	7.72
MCB GRB116	16	12	7.72
MCB GRB120	20	12	7.72
MCB GRB125	25	12	7.72
MCB GRB132	32	12	7.72
MCB GRB140	40	12	10.26
MCB GRB150	50	12	17.68
MCB GRB163	63	12	20.89



MCB 6kA Curve B

Residual Current Breaker with Overcurrent Protection (RCBO) 6kA Type A

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
RCBO GRB10	10	2	2	30	1-25	35.28
RCBO GRB16	16	2	2	30	1-25	35.28
RCBO GRB20	20	2	2	30	1-25	35.28
RCBO GRB25	25	2	2	30	1-25	35.28
RCBO GRB32	32	2	2	30	1-25	35.28
RCBO GRB40EVS	40	2	2	30	1-25	49.08



RCBOGRB20

Other Accessories

Item	Description	Trade Price
TRAN8-12-24	Bell Transformer 8V 12V 24 V	20.05
GPTT2-300-2-0	Surge Protection 2 Pole Class 11	67.93
G-GPT2	Surge Protection Kit Comprising:2 Pole Surge, Earth Cable , Busbar	66.38
G-1L-1000-10ISO	SP Busbar 57 mod 80A 1000mm 10sq	16.45
S-1L-145-10ISO	SP 10mm ² 8mod busbar	2.18
S-1L-210-10ISO	SP 10mm ² 12 mod 80A busbar	4.34
G-2L-66ML	DP Busbar 4 mod 80A 66mm 10sq	3.84
G-2L-106ML	DP Busbar 6 mod 80A 106mm 10sq	9.18
G-2L-140ML	DP Busbar 8 mod 80A 140mm 10sq	11.00
G-2L-210-10M5	DP Busbar 12 mod 80A 210mm 10sq	6.12
ZA2W	Blanking strip white 1 metre length	7.62
TC-1A	Blanking strip white 4.5 mods	1.29
FBR365	Brown 10 Sq 365mm Cable	4.20
FBL365	Blue 10 Sq 365mm Cable	4.20
FE365	Green/Yellow 10sq Earth cable 365mm	4.20
N7	Clip on Neutral Bar 7way 16 sq mm	2.81
E7	Clip on Earth Bar 7way 16 sq mm	2.73
MBR245	Brown 10sq 245mm Cable	2.73
MBF365	Brown 10sq 365mm Cable	3.48
MBL245	Blue 10sq 245mm Cable	3.48
MBL365	Blue 10sq 365mm Cable	3.98
MBL450	Blue 10sq 450mm Cable	4.36
ME365	Earth 10sq 365mm Cable	3.98
ME450	Earth 10sq 450mm Cable	4.36



TRAN8-12-24



ZA2W



N7



E7

CIRCUIT PROTECTION

Strong, Safe, Secure

Key Features

- ✓ Extremely Competitively Priced
- ✓ Premium Quality Products & Excellent Stock Availability
- ✓ 5 Year Warranty
- ✓ Nationwide Technical Knowledge

MINIATURE CIRCUIT BREAKER 6kA CURVE B

1 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB106	6	12	7.72
MCB GRB110	10	12	7.72
MCB GRB116	16	12	7.72
MCB GRB120	20	12	7.72
MCB GRB125	25	12	7.72
MCB GRB132	32	12	7.72
MCB GRB140	40	12	10.26
MCB GRB150	50	12	17.68
MCB GRB163	63	12	20.89



1-Pole MCB 6kA

2 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB206	6	6	20.89
MCB GRB210	10	6	20.89
MCB GRB216	16	6	20.89
MCB GRB220	20	6	20.89
MCB GRB225	25	6	20.89
MCB GRB232	32	6	20.89
MCB GRB240	40	6	26.09
MCB GRB250	50	6	30.38
MCB GRB263	63	6	36.07



2-Pole MCB 6kA

3 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB306	6	4	33.76
MCB GRB310	10	4	33.76
MCB GRB316	16	4	33.76
MCB GRB320	20	4	33.76
MCB GRB325	25	4	33.76
MCB GRB332	32	4	33.76
MCB GRB340	40	4	41.73
MCB GRB350	50	4	48.59
MCB GRB363	63	4	57.48



3-Pole MCB 6kA

MINIATURE CIRCUIT BREAKER 6kA CURVE C

1 Pole 6kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GRC101	1	12	9.82
MCB GRC102	2	12	9.82
MCB GRC104	4	12	9.82
MCB GRC106	6	12	8.03
MCB GRC110	10	12	8.03
MCB GRC116	16	12	8.03
MCB GRC120	20	12	8.03
MCB GRC125	25	12	8.03
MCB GRC132	32	12	8.03
MCB GRC140	40	12	10.47
MCB GRC150	50	12	18.03
MCB GRC163	63	12	21.31



1-Pole MCB 6kA

2 Pole 6kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GRC206	6	6	20.89
MCB GRC210	10	6	20.89
MCB GRC216	16	6	20.89
MCB GRC220	20	6	20.89
MCB GRC225	25	6	20.89
MCB GRC232	32	6	20.89
MCB GRC240	40	6	26.09
MCB GRC250	50	6	30.38
MCB GRC263	63	6	36.07



2-Pole MCB 6kA

3 Pole 6kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GRC306	6	4	33.76
MCB GRC310	10	4	33.76
MCB GRC316	16	4	33.76
MCB GRC320	20	4	33.76
MCB GRC325	25	4	33.76
MCB GRC332	32	4	33.76
MCB GRC340	40	4	41.73
MCB GRC350	50	4	48.59
MCB GRC363	63	4	57.48



3-Pole MCB 6kA

MINIATURE CIRCUIT BREAKER 10kA CURVE B

1-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GSB106	6	12	10.11
MCB GSB110	10	12	10.11
MCB GSB116	16	12	10.11
MCB GSB120	20	12	10.11
MCB GSB125	25	12	10.11
MCB GSB132	32	12	10.11
MCB GSB140	40	12	12.52
MCB GSB150	50	12	25.07
MCB GSB163	63	12	29.95



1-Pole MCB 10kA

2-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GSB206	6	6	24.24
MCB GSB210	10	6	23.43
MCB GSB213	13	6	23.43
MCB GSB216	16	6	23.43
MCB GSB220	20	6	23.43
MCB GSB225	25	6	23.43
MCB GSB232	32	6	23.43
MCB GSB240	40	6	35.79
MCB GSB250	50	6	50.28
MCB GSB263	63	6	64.48



2-Pole MCB 10kA

3-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GSB306	6	4	49.67
MCB GSB310	10	4	49.67
MCB GSB316	16	4	49.67
MCB GSB320	20	4	49.67
MCB GSB325	25	4	49.67
MCB GSB332	32	4	49.67
MCB GSB340	40	4	68.28
MCB GSB350	50	4	84.7
MCB GSB363	63	4	105.84



3-Pole MCB 10kA

MINIATURE CIRCUIT BREAKER 10kA CURVE C

1-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GSC101	1	12	12.65
MCB GSC102	2	12	13.08
MCB GSC104	4	12	13.08
MCB GSC106	6	12	10.11
MCB GSC110	10	12	10.11
MCB GSC116	16	12	10.11
MCB GSC120	20	12	10.11
MCB GSC125	25	12	10.11
MCB GSC132	32	12	10.11
MCB GSC140	40	12	12.52
MCB GSC150	50	12	25.07
MCB GSC163	63	12	29.95



1-Pole MCB 10kA

2-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GSC206	6	6	24.24
MCB GSC210	10	6	24.24
MCB GSC216	16	6	24.24
MCB GSC220	20	6	24.24
MCB GSC225	25	6	24.24
MCB GSC232	32	6	24.24
MCB GSC240	40	6	27.09
MCB GSC250	50	6	50.28
MCB GSC263	63	6	64.48



2-Pole MCB 10kA

3-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GSC306	6	4	49.67
MCB GSC310	10	4	49.67
MCB GSC316	16	4	49.67
MCB GSC320	20	4	49.67
MCB GSC325	25	4	49.67
MCB GSC332	32	4	49.67
MCB GSC340	40	4	70.67
MCB GSC350	50	4	87.67
MCB GSC363	63	4	105.84



3-Pole MCB 10kA

CIRCUIT PROTECTION

MINIATURE CIRCUIT BREAKER 10kA CURVE D

1-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GSD106	6	12	10.11
MCB GSD110	10	12	10.11
MCB GSD116	16	12	10.11
MCB GSD120	20	12	10.11
MCB GSD125	25	12	10.11
MCB GSD132	32	12	10.11



2-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GSD206	6	6	24.24
MCB GSD210	10	6	24.24
MCB GSD216	16	6	24.24
MCB GSD220	20	6	24.24
MCB GSD225	25	6	24.24
MCB GSD232	32	6	24.24



3-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GSD306	6	4	49.67
MCB GSD310	10	4	49.67
MCB GSD316	16	4	49.67
MCB GSD320	20	4	49.67
MCB GSD325	25	4	49.67
MCB GSD332	32	4	49.67



LOCKING DEVICE

Locking device makes it possible to lock dolly in a specific position on the component.

Item	Description	Trade Price
MCB LOCK	Locking device suitable for Miniature Circuit Breakers in 6kA & 10kA	14.15



MCB LOCK

AUXILIARY CONTACTS

Item	Description	Modules	AC12	DC12	Trade Price
MCB GR AUX	Auxiliary Contact for 6kA & 10KA breakers 1no + 1nc	0,5	230V-6A	110V-1A	11.02



MCB GR AUX

NEW

ARC Fault Detection

Strong, Safe, Secure

- Range of AFDD available from 6Amp to 40Amp in 1 Module & 2 Module
- Combined AFDD and Type A RCBO
- Designed with a self test feature & full fault diagnosis
- Easy to install
- Manufactured & tested to the latest standards

ARC FAULT DETECTION - CURVE B

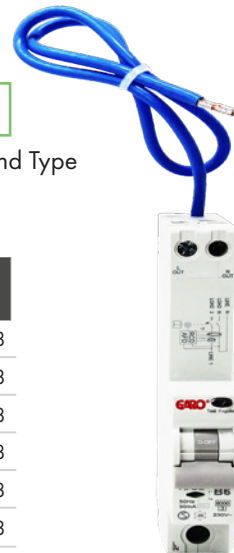
Each one of Garo's range of Arc Fault Detection Device (AFDD) are a combination of AFDD and Type A 30mA RCBO.

1 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
AFDGRB06	06	B	1	174.08
AFDGRB10	10	B	1	174.08
AFDGRB16	16	B	1	174.08
AFDGRB20	20	B	1	174.08
AFDGRB25	25	B	1	174.08
AFDGRB32	32	B	1	174.08
AFDGRB40	40	B	1	174.08

2 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
AFD2MGRB06	06	B	2	166.66
AFD2MGRB10	10	B	2	166.66
AFD2MGRB16	16	B	2	166.66
AFD2MGRB20	20	B	2	166.66
AFD2MGRB25	25	B	2	166.66
AFD2MGRB32	32	B	2	166.66
AFD2MGRB40	40	B	2	166.66

**NEW****COMING SOON**

CIRCUIT PROTECTION

MINIATURE CIRCUIT BREAKER 10kA CURVE B 80 - 125Amp

1 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
80ASPBM	80	B	1.5	35.55
100ASPBM	100	B	1.5	42.67
125ASPBM	125	B	1.5	56.90

2 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
80ADPBM	80	B	3	75.85
100ADPBM	100	B	3	90.09
125ADPBM	125	B	3	118.53

3 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
80ATPBM	80	B	4.5	116.16
100ATPBM	100	B	4.5	137.50
125ATPBM	125	B	4.5	180.16



MINIATURE CIRCUIT BREAKER 10kA CURVE C 80 - 125Amp

1 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
80ASPCM	80	C	1.5	35.55
100ASPCM	100	C	1.5	42.67
125ASPCM	125	C	1.5	56.90

2 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
80ADPCM	80	C	3	75.85
100ADPCM	100	C	3	90.09
125ADPCM	125	C	3	118.53

3 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
80ATPCM	80	C	4.5	116.16
100ATPCM	100	C	4.5	137.50
125ATPCM	125	C	4.5	180.16

CIRCUIT PROTECTION

RESIDUAL CURRENT CIRCUIT BREAKERS

10kA TYPE A

Item	Rated (A)	Modules	Poles	mA	Max cable size mm ²	Trade Price
2 Pole						
GCD 25-2-03	25	2	2	30	25	43.28
GCD 40-2-03	40	2	2	30	25	39.76
GCD 40-2-1	40	2	2	100	25	60.28
GCD 63-2-03	63	2	2	30	25	45.30
GCD 63-2-1	63	2	2	100	25	84.45
GCD 63-2-3	63	2	2	300	25	84.45
GCD 63-2-5	63	2	2	500	25	79.24
GCD 80-2-03	80	2	2	30	25	91.96
GCD 100-2-1	100	2	2	100	25	111.41
GCD 100-2-3	100	2	2	300	25	123.07



Item	Rated (A)	Modules	Poles	mA	Max cable size mm ²	Trade Price
4 Pole						
GCD 25-4-03	25	4	4	30	25	74.96
GCD 40-4-03	40	4	4	30	25	74.96
GCD 63-4-1	63	4	4	100	25	103.74
GCD 63-4-03	63	4	4	30	25	96.59
GCD 80-4-03	80	4	4	30	25	126.79
GCD 100-4-03	100	4	4	30	25	299.70
GCD 40-4-3	40	4	4	300	25	76.21
GCD 63-4-3	63	4	4	300	25	103.74
GCD 63-4-5	63	4	4	500	25	103.74
GCD 80-4-3	80	4	4	300	25	137.42
GCD 100-4-1	100	4	4	100	25	260.77
GCD 100-4-3	100	4	4	300	25	260.77



Item	Rated (A)	Modules	Poles	mA	Max cable size mm ²	Trade Price
4 Pole						
GCD 63-4-03B	63A	4	4	30	25	464.33
GCD 40-4-3B	40A	4	4	30	25	507.58

RESIDUAL CURRENT CIRCUIT BREAKERS - TYPE S

Selective - minimum time delay 40ms.

Item	Rated (A)	Modules	Poles	mA	Max cable size mm ²	Trade Price
2 Pole						
GCD 63-2-1S	63	2	2	100	25	133.11
GCD 63-2-3S	63	2	2	300	25	133.11
4 Pole						
GCD 63-4-1S	63	4	4	100	25	174.76
GCD 63-4-3S	63	4	4	300	25	174.76

AUXILIARY CONTACTS

Item	Description	Trade Price
HLPKD	Aux for RCCB (2 Pole + 4 Pole Suitable for GCD25, 40, 63, 80 Only)	14.59

NEW

Revolutionary, Reliable, Robust

**You Spoke,
We listened**

Designed to manage the today's increased load demands

New! RCBOGRB40EVS

- ✓ Centre Dolly
- ✓ Improved Thermal Withstand
- ✓ TYPE A
- ✓ 5 year Warranty
- ✓ Premium Quality



CIRCUIT PROTECTION

RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 6kA TYPE A

An RCBO is a combination of an RCCB and MCB. The 6kA range is Type A and can be supplied from the top or bottom. The products are approved and certified according to EN 61009.

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 6kA Curve B - TYPE A						
RCBO GRB06	6	2	2	30	1-25	35.28
RCBO GRB10	10	2	2	30	1-25	35.28
RCBO GRB16	16	2	2	30	1-25	35.28
RCBO GRB20	20	2	2	30	1-25	35.28
RCBO GRB25	25	2	2	30	1-25	35.28
RCBO GRB32	32	2	2	30	1-25	35.28
RCBO GRB40EVS	40	2	2	30	1-25	49.08

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
4 Pole 6kA Curve B - TYPE A						
RCBO GSB06	6	4	3P+N	30	1-25	159.75
RCBO GSB10	10	4	3P+N	30	1-25	159.75
RCBO GSB16	16	4	3P+N	30	1-25	159.75
RCBO GSB20	20	4	3P+N	30	1-25	159.75
RCBO GSB25	25	4	3P+N	30	1-25	159.75
RCBO GSB32	32	4	3P+N	30	1-25	159.75

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 6kA Curve C - TYPE A						
RCBO GRC06	6	2	2	30	1-25	35.28
RCBO GRC10	10	2	2	30	1-25	35.28
RCBO GRC16	16	2	2	30	1-25	35.28
RCBO GRC20	20	2	2	30	1-25	35.28
RCBO GRC25	25	2	2	30	1-25	35.28
RCBO GRC32	32	2	2	30	1-25	35.28
RCBO GRC40EVS	40	2	2	30	1-25	46.64

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
4 Pole 6kA Curve C - TYPE A						
RCBO GSC06	6	4	3P+N	30	1-25	159.75
RCBO GSC10	10	4	3P+N	30	1-25	159.75
RCBO GSC16	16	4	3P+N	30	1-25	159.75
RCBO GSC20	20	4	3P+N	30	1-25	159.75
RCBO GSC25	25	4	3P+N	30	1-25	159.75
RCBO GSC32	32	4	3P+N	30	1-25	159.75

RCBO ACCESSORIES

Item	Description	Trade Price
LB2	Locking mechanism for RCBO & RCCB	8.41
HLPKO	Aux for RCBO 2 Pole + 4 Pole	18.21



CIRCUIT PROTECTION

RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 10kA

An RCBO is a combination of an RCCB and MCB. The 10kA range is Type A and can be supplied from the top or bottom. The products are approved and certified according to EN 61009.

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 10kA Curve B						
RCBO GS B06A2P	6	2	2	30	1-25	55.41
RCBO GS B10A2P	10	2	2	30	1-25	55.41
RCBO GS B16A2P	16	2	2	30	1-25	55.41
RCBO GS B20A2P	20	2	2	30	1-25	55.41
RCBO GS B25A2P	25	2	2	30	1-25	55.41
RCBO GS B32A2P	32	2	2	30	1-25	55.41
RCBO GS B40A2P	40	2	2	30	1-25	55.41

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 10kA Curve - C						
RCBO GS C06A2P	6	2	2	30	1-25	55.41
RCBO GS C10A2P	10	2	2	30	1-25	55.41
RCBO GS C16A2P	16	2	2	30	1-25	55.41
RCBO GS C20A2P	20	2	2	30	1-25	55.41
RCBO GS C25A2P	25	2	2	30	1-25	55.41
RCBO GS C32A2P	32	2	2	30	1-25	55.41
RCBO GS C40A2P	40	2	2	30	1-25	55.41



2 Pole RCBO 6kA

RESIDUAL CURRENT BREAKER - 1 MODULE

The 1 Mod 6kA range is Type A 1P + N RCBO and MUST ONLY be supplied from the bottom. The products are approved and certified according to EN 61009.

GARO RCBO 6kA Type A Rated Voltage 200-415V AC Max Torque 3 Nm Protection Class IP20

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 6kA Curve B						
RCBO GI B06	6	1	1 + N	30	1-6	43.71
RCBO GI B10	10	1	1 + N	30	1-6	43.71
RCBO GI B16	16	1	1 + N	30	1-6	43.71
RCBO GI B20	20	1	1 + N	30	1-6	43.71
RCBO GI B25	25	1	1 + N	30	1-6	43.71

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 6kA Curve C						
RCBO GI C06	6	1	1 + N	30	1-6	43.71
RCBO GI C10	10	1	1 + N	30	1-6	43.71
RCBO GI C16	16	1	1 + N	30	1-6	43.71
RCBO GI C20	20	1	1 + N	30	1-6	43.71
RCBO GI C25	25	1	1 + N	30	1-6	43.71



SKN0021-10

CIRCUIT PROTECTION

ACCESSORIES

Item	Description	Modular Length	For cable size mm ²	Trade Price
AS-35-SLISOSO	Terminal Connector		35	2.51
SKN0021-10	SP Busbar 10 mm ² to suit 1 mod RCBO	12		18.55
SKN0029-10	TP Busbar 10 mm ² to suit 1 mod RCBO	12		30.71



AS-35-SLISOSO

RESIDUAL CURRENT BREAKER WITH OVERCURRENT PROTECTION (RCBO) 10KA

2 Pole 10kA Curve - B

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
RCBOLIB06A	6	1		30	1-6	50.60
RCBOLIB10A	10	1		30	1-6	50.60
RCBOLIB16A	16	1		30	1-6	50.60
RCBOLIB20A	20	1		30	1-6	50.60
RCBOLIB25A	25	1		30	1-6	50.60
RCBOLIB32A	32	1		30	1-6	50.60
RCBOLIB40A	40	1		30	1-6	54.02
RCBOLIB45A	45	1		30	1-6	54.02

2 Pole 10kA Curve - C

RCBOLIC06A	6	1		30	1-6	50.60
RCBOLIC10A	10	1		30	1-6	50.60
RCBOLIC16A	16	1		30	1-6	50.60
RCBOLIC20A	20	1		30	1-6	50.60
RCBOLIC25A	25	1		30	1-6	50.60
RCBOLIC32A	32	1		30	1-6	50.60
RCBOLIC40A	40	1		30	1-6	54.02
RCBOLIC45A	45	1		30	1-6	54.02

Redsidual Current Breaker with Overcurrent (RCBO) 2 Pole 6kA Curve - B

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
RCBO LIB06R	6	1		30	1-6	42.17
RCBO LIB10R	10	1		30	1-6	42.17
RCBO LIB16R	16	1		30	1-6	42.17
RCBO LIB20R	20	1		30	1-6	42.17
RCBO LIB25R	25	1		30	1-6	42.17
RCBO LIB32R	32	1		30	1-6	42.17
RCBO LIB40R	40	1		30	1-6	42.17
RCBO LIB45R	45	1		30	1-6	42.17

2 Pole 6kA Curve - C

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
RCBOLIC06R	6	1		30	1-6	42.17
RCBOLIC10R	10	1		30	1-6	42.17
RCBOLIC16R	16	1		30	1-6	42.17
RCBOLIC20R	20	1		30	1-6	42.17
RCBOLIC25R	25	1		30	1-6	42.17
RCBOLIC32R	32	1		30	1-6	42.17
RCBOLIC40R	40	1		30	1-6	42.17
RCBOLIC45R	45	1		30	1-6	42.17



CIRCUIT PROTECTION

RESIDUAL CURRENT BREAKER WITH OVERCURRENT PROTECTION (RCBO) 10KA - TYPE B

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 10kA Curve B - TYPE B						
RCBOGRB06M4B	6	4	2	30	1-25	461.28
RCBOGRB10M4B	10	4	2	30	1-25	461.28
RCBOGRB13M4B	13	4	2	30	1-25	461.28
RCBOGRB16M4B	16	4	2	30	1-25	461.28
RCBOGRB20M4B	20	4	2	30	1-25	461.28
RCBOGRB26M4B	25	4	2	30	1-25	461.28
RCBOGRB32M4B	32	4	2	30	1-25	461.28
RCBOGRB40M4B	40	4	2	30	1-25	461.28



Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
2 Pole 10kA Curve - C - TYPE B						
RCBOGRC06M4B	6	4	2	30	1-25	477.43
RCBOGRC10M4B	10	4	2	30	1-25	477.43
RCBOGRC16M4B	16	4	2	30	1-25	477.43
RCBOGRC20M4B	20	4	2	30	1-25	477.43
RCBOGRC25M4B	25	4	2	30	1-25	477.43
RCBOGRC32M4B	32	4	2	30	1-25	477.43
RCBOGRC40M4B	40	4	2	30	1-25	477.43

MODULAR ISOLATOR

Item	Type	AC21 - AC22 (A)	Modules	Poles	Operating Voltage V	For cable size mm ²	Trade Price
With dolly							
GSV 1100	Isolator	100	1	1	230	35	11.37
GSV 2100	Isolator	100	2	2	400	35	23.84
GSV 3100	Isolator	100	3	3	400	35	37.24
GSV 4125	Isolator	125	4	4	400	35	53.19



GSV 2100

MODULAR CHANGEOVER SWITCHES

Item	Type	AC21 - AC22 (A)	Modules	Poles	Operating Voltage V	Trade Price
With toggle						
HOA 1	H-O-A	10	2	1	440	35.02
HOA 2	H-O-A	10	2	2	440	41.83



HOA 1

CIRCUIT PROTECTION

DIGITAL TIMERS

Digital and Astronomical (SOLAR) time switches with daily and weekly adjustable programs. Battery reserve of 3 years (Li-ion type CR-2032). Charge reserve of 1 minute (for battery replacement). Halogen and incandescent = 1500W (@ 240V). Fluorescent = 600W (@ 240V)

Item	Modules	Channels	Relay Capacity		Trade Price
DV1KT3	2	1	250V AC - 16(10)A		91.01
DV2KT3	2	2	250V AC - 16(10)A		151.18
DV1K1M	1	1	250V AC - 16(10)A		132.84
Item	Modules	Channels	Relay Capacity	Timer	Trade Price
ASTRO1KT3	2	1	250V AC - 16(10)A	Dusk to dawn	115.02
ASTRO2KT3	2	2	250V AC - 16(10)A	Dusk to dawn	189.03



ASTRO2KT3

SHOWER RELAY

Item	Description	Rated(A)	Voltage	Trade Price
LSR11	Load Drop relay 6,7	39A	230 Volt	60.09

MECHANICAL & ELECTROMECHANICAL TIMERS

Time switches with daily and weekly adjustable programs. Charge reserve of 150 hours. Din rail mounting

Item	Modules	Relay Capacity	Quadrant Type	Intervention Time (min)	Intervention Precision	Trade Price
D1M MEK	1	250V AC - 16(4)A	24 hours - 96 trips x 15 mins	15 mins	+/- 5 mins	44.71
V3M MEK	3	250V AC - 16(4)A	168 hours - 48 trips x 3.5 hrs	3.5 hours	+/- 52.5 mins	102.35



MULTIFUNCTION TIMER

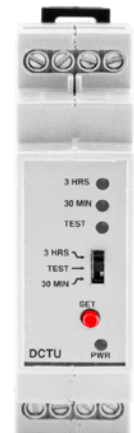
Item	Modules	Channels	Relay Capacity	Function	Trade Price
GCRM - 91H	Multifunction Time Relay	1	16A AC-DC 12-240V	10 x 0.15 - 10 days	57.52





TEST RELAYS & TIME LAG SWITCHES

Item	Description	Contact	Trade Price
DCTU	Emergency Light Test Relay - Din Rail mounting	1 x c-o	66.05
COLUMBUS	Pneumatic Time Delay Switch - 6A, 5 secs - 20 mins	1 x c-o	57.61
GTA8	Staircase Timer 1 mod, 1 - 7 minutes		41.21



KILOWATT HOUR METERS

Din rail mounted energy meters MID certified

Item	Description	Measures	Modules	Rated Current (A)	Trade Price
GNM1D	Garco SP Meter 45A Pulse MID	KWH, KW, V & A	1	45	77.30
GNM1D-RS485	Garco SP Meter 45A Modbus MID	KWH, KW, V & A	1	45	91.08
GNM1D-100-RS485	Garco SP Meter 100A Bi-directional Modbus	KWH, KW, V & A	2	100	171.75
GNM3D	Garco TP 65A Meter Pulse MID	KWH, KW, V & A	4	65	193.27
GNM3D-RS485	Garco TP 65A Meter Modbus MID	KWH, KW, V & A	4	65	256.06
GNM3TD	Garco MFM Dual RJ11 Input Pulse + Modbus	KWH, KW, V & A	4	160-630	73.91
GNT160	160A TP CT RJ11 150 cm Lead		CT	160	82.97
GNT250	250A TP CT RJ11 150 cm Lead		CT	250	91.70
GNT630	630A TP CT RJ11 150 cm Lead		CT	630	296.35
GM3T-RS485	Garco MFM 5A CT Input Pulse + Modbus	KWH, KW, V & A	4	6000	432.59
GDT36-300A	300 / 5A Split Core CT	Set of 3	-	300	463.75
GDT36-600A	600 / 5A Split Core CT	Set of 3	-	600	439.57
3MODDRKTGNM3T	3 Mod Doorkit GNM3T				51.03



GNM1D

CIRCUIT PROTECTION

CONTACTORS

Item	Contacts	Poles	Modules	Rated		Coil	Trade
				AC-1 [A]	Voltage (V)	Type	Price

Modular contactors for din rail mounting

GK20-1NO1NC	1 NO + 1 NC	2	1	20	230	AC	25.58
GK20-2NO	2 NO	2	1	20	230	AC	35.92
GK20-2NC	2 NC	2	1	20	230	AC	41.84
GK24-4NO	4 NO	4	2	25	230	AC-DC	43.11
GK24-4NC	4 NC	4	2	25	230	AC-DC	49.15
GK32-2NO	2 NO	2	1	32	230	AC-DC	43.98
GK32-4NO	4 NO	4	2	32	230	AC-DC	47.20
GK40-1NO	1 NO	1	1	40	230	AC-DC	64.76
GK40-4NO	4 NO	4	3	40	230	AC-DC	102.96
GK40-2NO2NC	2 NO + 2 NC	4	3	40	230	AC-DC	135.69
GK63-4NO	4 NO	4	3	63	230	AC-DC	135.47
GKD	Distance Piece, 12gm, temperatures < 40 ° C					0,5	4.82
GKN 11	Auxiliary Contacts						23.95



SWITCHFUSE TYPE DO

Item	Poles	Max Rated Current A	Modules	Trade Price
STVDO 21P	1	63	1.5	17.60
STVDO 22P	2	63	3	48.68
STVDO 23P	3	63	4.5	68.17



ACCESSORIES

Item	Description	Max Rated Current A	Modules	Trade Price
S-1L-27-1000	16 mm ² 1-phase	80	130	52.25
S-3L-27-1000	16 mm ² 3-phase, for do - neoz fuse holders	80	130	66.06



Surge Protection

Power On, Protection Strong

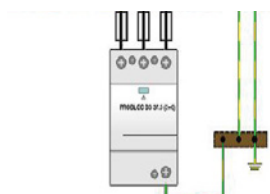
- ✓ Sensitive and Reliable State of the Art Disconnecter
- ✓ High Surge Current Capability, $I_{max} = 50kA$
- ✓ Backup Fuse up to 250 A gG
- ✓ Short Circuit Current Rating up to 50kA
- ✓ Vibration and Shock withstand Capability



SURGE PROTECTION DEVICES

Item	Poles	Class	Signal Relay	Impulse Current (10-350)uS	Max Current (8-20)uS	Back up Fuse Maximum	Trade Price
CLASS 1 SURGE PROTECTION DEVICES							
BSR 275 3pol	3	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	664.17
BSR 275 4pol	4	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	879.84
GPTT1-300-3+0LHR	3	1, 11	yes	25KA per pole	100KA per pole	160A gl	243.61
GPTT1-300-4+0LHR	4	1, 11	yes	25KA per pole	100KA per pole	160A gl	316.09

Category IEC-EN : Class 1 - Type 1
 Location of use : Main distribution board
 Network: TNC-S
 In (8-20) : 25kA per pole
 I_{max} (8-20) : 25kA per pole
 Standard : IEC61643-1



SURGE PROTECTION DEVICES

Item	Poles	Class	Signal Relay	Impulse Current (10-350) μ S	Back up Fuse Maximum	Trade Price
CLASS 11 SURGE PROTECTION DEVICES						
GPTT2-300-1-0	1	11	no	5KA per pole	125A	36.39
GPTT2-300-1-0-R	1	11	yes	5KA per pole	125A	50.82
GPTT2-300-2-0	2	11	no	5KA per pole	125A	67.93
GPTT2-300-2-0-R	2	11	yes	5KA per pole	125A	89.45
GPTT2-300-3-0	3	11	no	5KA per pole	125A	104.73
GPTT2-300-3-0-R	3	11	yes	5KA per pole	125A	132.59
GPTT2-300-4-0	4	11	no	5KA per pole	125A	139.63
GPTT2-300-4-0-R	4	11	yes	5KA per pole	125A	172.03
GPT275plug	1	11	yes	5KA per pole	125A	48.13
GPTT2-275-2-0	2	11	no	5KA per pole	100A	45.00
GPTT2-2-275-P	1	11	no	5KA per pole	100A	41.31

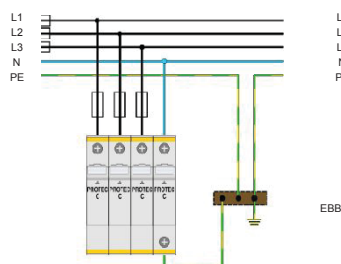


GGPT2-275-0



Category IEC-EN :
Location of use :
Network:
In (8-20) :
Imax (8-20) :
Standard :

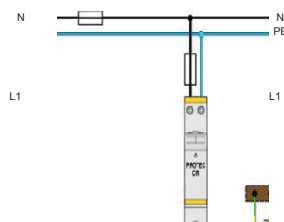
Class 11 - Type 11
Main - Sub distribution board
TNC-S
5kA per pole
20kA per pole
IEC61643-1



Item	Poles	Class	Signal Relay	Impulse Current (10-350) μ S	Max Current (8-20) μ S	Backup Fuse Maximum	Trade Price
CLASS 111 SURGE PROTECTION DEVICES							
PDM 320	1	111	no	n-a	10KA per pole	63A	111.85
PDMR 320	1	111	yes	n-a	10KA per pole	63A	131.19
PDM 320plug	1	111	yes	n-a	10KA per pole	63A	100.92
GTS 170	1	111	yes	n-a	20KA per pole	63A	143.27
GTS 170plug	1	111	no	n-a	20KA per pole	63A	118.79

Category IEC-EN :
Location of use :
Network :
In (8-20) :
Imax (8-20) :
Standard :

Class 111 - Type 111
Sub - Local distribution board
TNC-S
5kA per pole
10kA per pole
IEC61643-1



PDM 320

Surge Protection Kit

Item	Trade Price
G-GPT2 Surge Protection Kit Comprising 2 Pole Surge, Earth Cable & Busbar	66.38

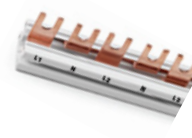
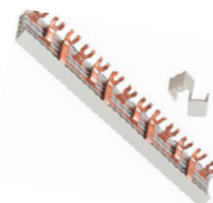


BUSBAR

Item	Description	Current capacity with end input (A)	Current capacity with central input (A)	Trade Price
Pin type busbar with insulation				
S-1L-1000-10I	10 mm ² 1-phase, 57 mod	63	100	17.58
S-2L-1000-10	10 mm ² 2-phase, 57 mod	63	100	31.33
S-3L-1000-10	10 mm ² 3-phase, 57 mod	63	100	35.36
S-3L-1000-16	16 mm ² 3-phase, 57 mod	80	130	53.86
S-4L-1000-16	16 mm ² for 4 Pole RCCB	80	130	76.84
S-1L-2MOD-10ISO	10mm ² 1-phase 2mod insulated busbar	63	100	0.74
S-1L-27-1000	16 mm ² 1-phase for do - neozed fuse holders	80	130	52.50
S-3L-27-1000	16 mm ² 3-phase, for do - neozed fuse holders	80	130	66.37
S-1L-145-10-ISO	10 mm ² 1-phase, 8 mod	63	100	2.18
S-1L-210-10-ISO	10 mm ² 1-phase, 12 mod	63	100	4.34
S-1L-100-16ISO	16 mm ² 1-phase, 57 mod	80	80	4.34
S-3L--27-1000	16mm 3 Phase DO Fuse	80	130	66.37
Fork type busbar with insulation				
G-1L-1000-10ISO	10 mm ² 1-phase, 57 mod	63	100	16.45
G-2L-1000-10M5	10 mm ² 2-phase, 57 mod	63	100	31.19
G-3L-1000-10CM5	10 mm ² 3-phase, 57 mod	63	100	33.87
G-L1-N-L2-N-L	16 mm ² 3-phase+N, 57 mod	80	130	84.93
G-4L-1000-16	16 mm ² 3-phase+N	80	130	74.62
G-2L-1000-16	16 mm ² 2-phase, 57 mod	80	130	34.71
G-3L-1000-16	16 mm ² 3-phase, 57 mod	80	130	50.53
G-3L-27-1000	16mm 3 Phase DO Fuse	80	130	64.45

ACCESSORIES

Item	Description	Trade Price
Terminals and Connectors		
AS25-SN	Cable Connector Pin to suit 25 mm ² cable	2.45
AS25-GN	Cable Connector Fork to suit 25 mm ² cable	2.45
AS35-S	Cable Connector Pin to suit 35 mm ² cable	2.75
AS-35-SLISOSO	Cable Connector Pin to suit 35 mm ² cable. 27mm PITCH	2.51
AS50-SN	Cable Connector Pin to suit 50 mm ² cable. 15mm PITCH	4.35
E7	Earth Terminal Block 7 Way 16 mm ² clips on to DIN rail	2.73
N7	Neutral Terminal Block 7 Way 16 mm ² clips on to DIN rail	2.81
BRASS 3LA	18 Way Brass Terminal for LA Consumer Units	7.16
BRASSBAR	Brass Terminal 6.5 x 9 x 288mm	9.94
BRASSBAR1M	Neutral or Earth Bar 6.5 x 9 x 1000mm 153 way	26.42
KKS1-2	Supports for N-E Terminal Bar (1 metre)	1.45
E15	Earth Terminal 15Way Clip-On	15.60
N15	Neutral Terminal 15Way Clip-On	15.60
NPE35	Earth - Neutral Terminal 160A to suit 35 mm ² cable	16.15
NPE120	Earth - Neutral Terminal 250A to suit 120 mm ² cable	51.86
TBN185	Earth - Neutral Terminal 400A to suit 185 mm ² cable	73.39
DISCT6US	Disconnect Test Terminal	6.45
EPDISCT6U	End Plate for Disconnect Terminal	0.57



AS-35-SLISOSO



N7



AS25-GN



AS50-SL



AS25-SN



E7

CIRCUIT PROTECTION

BELL TRANSFORMER - DOOR CHIME

Item	Description	Modules	Rated Current	Trade Price
TRAN 8-12-24	Bell transformer	2	230-8V,12V,24V 1A	20.05
BIM85	Door Chime (Double Sound)			17.17



BIM85

TRAN8-12-24

BLANKING STRIP PLASTIC

Item	Description	Trade Price
Covers the empty spaces in the front cover of distribution enclosures		
TC-1A	4.5 modules - easily cut into desired size	1.29
ZA2W	57 modules (1 metre)	7.62



ZA2W

TERMINAL BLOCKS

Item	Class	Size	Colour	Trade Price
GKL 1x50 GRE	Terminal Block A Class	1 x 50	Grey	4.55
GKL 2x50 GRE	Terminal Block A Class	2 x 50	Grey	8.28
GKL 1x50 BLE	Terminal Block A Class	1 x 50	Blue	4.55
GKL 2x50 BLE	Terminal Block A Class	2 x 50	Blue	8.28
GKL 1x50 G-G	Terminal Block A Class	1 x 50	Green/Ylw	4.55
GKL 2x50 G-G	Terminal Block A Class	2 x 50	Green/Ylw	8.28
GKL 1x95 GRE	Terminal Block A Class	1 x 95	Grey	11.50
GKL 2x95 GRE	Terminal Block A Class	2 x 95	Grey	22.25
GKL 1x95 BLE	Terminal Block A Class	1 x 95	Blue	11.50
GKL 2x95 BLE	Terminal Block A Class	2 x 95	Blue	22.25
GKL 1x95 G-G	Terminal Block A Class	1 x 95	Green/Ylw	11.50
GKL 2x95 G-G	Terminal Block A Class	2 x 95	Green/Ylw	22.25
GKL 1x150 GRE	Terminal Block A Class	1 x 150	Grey	19.31
GKL 2x150 GRE	Terminal Block A Class	2 x 150	Grey	39.05
GKL 1x150 BLE	Terminal Block A Class	1 x 150	Blue	19.31
GKL 2x150 BLE	Terminal Block A Class	2 x 150	Blue	39.05
GKL 1x150 G-G	Terminal Block A Class	1 x 150	Green/Ylw	19.31
GKL 2x150 G-G	Terminal Block A Class	2 x 150	Green/Ylw	39.05
GKL 1x240 GRE	Terminal Block A Class	1 x 240	Grey	30.32
GKL 2x240 GRE	Terminal Block A Class	2 x 240	Grey	51.46
GKL 1x240 BLE	Terminal Block A Class	1 x 240	Blue	30.32
GKL 2x240 BLE	Terminal Block A Class	2 x 240	Blue	51.46
GKL 1x240 G-G	Terminal Block A Class	1 x 240	Green/Ylw	30.32



DISTRIBUTION BLOCKS

Item	Description	Outputs	L x W x H (mm)	Trade Price
GDB80	80A 1 Pole 20kA	1 x 16sq in, 6 Outputs	28 x 66 x 47	6.15
GDB125	125A 1 Pole 20kA	1 x 35sq in 7 Outputs	28 x 74 x 48	14.55
GDB160	160A 1 Pole 20kA	1 x 70sq in, 7 Outputs	28 x 74 x 48	15.96
GDB250	250A 1 Pole 20kA	1 x 120sq in 11, Outputs	47 x 95 x 50	38.35
GDB400	400A 1 Pole 20kA	1 x 185sq in 11, Outputs	47 x 95 x 50	38.35
GDB500	500A 1 Pole 20kA	1 x Bar in, 11 Outputs	47 x 95 x 50	26.69
GDB8407	125A 4 Pole Short Busbar block 20kA	125A 6 Outputs	65 x 85 x 50	10.09
GDB8411	125A 4 Pole Medium Busbar Block 20kA	125A 11 Outputs	100 x 85 x 50	15.15
GDB8415	125A 4 Pole Long Busbar Block 20kA	125A 14 Outputs	135 x 85 x 50	18.57

NEW



TPN - SURFACE METAL IP41

Exclusive design for surface mounting. The housing is manufactured in metal and is fitted with a door. Each unit is supplied with earth and neutral blocks.

Metal TPN Boards 125A

Item	Ways	Rating (A)	Width mm	Height mm	Depth mm	Trade Price
GTPN12	12	125	465	506	105	151.34
GTPN18	18	125	465	560	105	167.00
GTPN24	24	125	465	614	105	182.62
GTPN30	30	125	465	668	105	213.23
GTPN36	36	125	465	722	105	245.25
GTPN42	42	125	465	777	105	283.52
GTPN48	48	125	465	830	105	320.02
GTPN54	54	125	465	884	105	375.69
GTPN72	72	125	465	1,046	105	469.62

Metal TPN Boards 125A Accessories

Item	Description	Width mm	Height mm	Depth mm	Trade Price
GTPNH1	TPN header box 16 module	465	266	105	43.60
GTPNH2	Cable entry spreader box	465	206	105	29.38
GTPNH3	Cable entry meter box	465	206	105	28.43
GTPN-ADAPTOR	Adaptor TPN to S Phase				6.98
METAL BLANK	1 Mod Metal Blank				0.58
GCD100-4-03	4Pole 100A 30mA RCCB				299.70
GSV4125	4Pole 125A Isolator				53.19
GNM3TD-CT160	Multi function meter c/w 160CT GNT(160)				73.97



CIRCUIT PROTECTION

RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 10kA

Redsidual Current Breaker with Overcurrent (RCBO) 2 Pole 6kA Curve - B

Item	Rated (A)	Modules	Poles	mA	For cable size mm ²	Trade Price
RCBO LIB06R	6	1		30	1-6	42.17
RCBO LIB10R	10	1		30	1-6	42.17
RCBO LIB16R	16	1		30	1-6	42.17
RCBO LIB20R	20	1		30	1-6	42.17
RCBO LIB25R	25	1		30	1-6	42.17
RCBO LIB32R	32	1		30	1-6	42.17
RCBO LIB40R	40	1		30	1-6	42.17
RCBO LIB45R	45	1		30	1-6	42.17

Redsidual Current Breaker with Overcurrent (RCBO) 2 Pole 6kA Curve - C

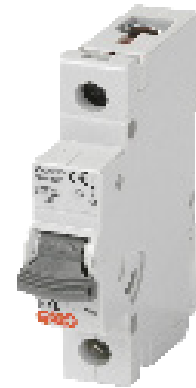
RCBOLIC06R	6	1		30	1-6	42.17
RCBOLIC10R	10	1		30	1-6	42.17
RCBOLIC16R	16	1		30	1-6	42.17
RCBOLIC20R	20	1		30	1-6	42.17
RCBOLIC25R	25	1		30	1-6	42.17
RCBOLIC32R	32	1		30	1-6	42.17
RCBOLIC40R	40	1		30	1-6	42.17
RCBOLIC45R	45	1		30	1-6	42.17



MINIATURE CIRCUIT BREAKER 10kA CURVE C

1-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 101	1	12	12.65
MCB GSC 102	2	12	13.08
MCB GSC 104	4	12	13.08
MCB GSC 106	6	12	10.11
MCB GSC 110	10	12	10.11
MCB GSC 116	16	12	10.11
MCB GSC 120	20	12	10.11
MCB GSC 125	25	12	10.11
MCB GSC 132	32	12	10.11
MCB GSC 140	40	12	12.52
MCB GSC 150	50	12	25.07
MCB GSC 163	63	12	29.95



3-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 306	6	4	49.67
MCB GSC 310	10	4	49.67
MCB GSC 316	16	4	49.67
MCB GSC 320	20	4	49.67
MCB GSC 325	25	4	49.67
MCB GSC 332	32	4	49.67
MCB GSC 340	40	4	70.67
MCB GSC 350	50	4	87.67
MCB GSC 363	63	4	105.84



ENCLOSURES

Built to last, Built to Perform



Key Features

- ✓ Future Proof Solutions
- ✓ Full range of sizes & IP Protection

JUNCTION BOXES IP67

Junction Boxes with plain sides

Item	IP Rating	Height mm	Width mm	Depth mm	Trade Price
EL111	67	108	108	64	4.06
EL161	67	116	162	76	6.50
EL171	67	151	175	95	10.42
EL231	67	180	241	95	13.96
EL322	67	239	328	129	35.67



Junction Box plain sides



Plastic Enclosures IP65

ENCLOSURES

PLASTIC ENCLOSURES IP65

Our range of distribution enclosures come with transparent reversible doors which can be sealed. They are made from halogen free long-lasting plastic material and are equipped with dust caps, for wall mounting screws, and 1-4 quick locking secured screws. Enclosures have supports for fixing mounting plates. Cable entries a e metric.

Item	Description	IP Rating	Width mm	Height mm	Depth mm	Trade Price
BT2 - GO	1 x 2 Mod Enclosure	20	53	133	80	3.27
BT4 - GO	1 x 4 Mod Enclosure	20	100	133	85	5.06
BV4PTRR - GO	1 x 4 Mod Enclosure Transparent Window	40	180	228	120	21.74
BV8PTRR - GO	1 x 8 Mod Enclosure Transparent Window	40	105	228	191	29.14
CDN 4G	1 x 4 Mod Enclosure	65	84	174	111	23.54
GCUT 4	1 x 4 Modules DIN Rails	65	166	231	113	32.22
GCUT 6	1 x 6 Modules DIN Rails	65	202	231	113	37.20
GCUT 8	1 x 8 Modules DIN Rails	65	238	231	118	42.55
GCUT 112	1 x 12 Modules DIN Rails	65	310	246	148	51.39
GCUT 118	1 x 18 Modules DIN Rails	65	418	246	148	80.78
GCUT 224	2 x 12 (24) Modules DIN Rails	65	310	436	148	85.78
GCUT 236	2 x 18 (36) Modules DIN Rails	65	418	436	148	115.23
GCUT 336	3 x 12 (36) Modules DIN Rails	65	310	586	148	118.48
GCUT 354	3 X 18 (54) Modules DIN Rails	65	418	586	148	166.31
** Din rails can be mounted at two different heights						
GCUT N - E	N + E Bar for GCUT 112 - GCUT 354					22.89
GCUTKL	KEYLOCK					25.15



BT2 - GO



BT4 - GO

GCUT TECHNICAL DATA

Degree of protection	IP65	Glow wire rating	650° C
Resistance to impact	IK08	Ball pressure test	70° C
Auto-extinguishing degree	HB (UL94)		

According to 2006-95-CE directive and EN 60439-1 and UNE-EN 60439-3 norms on affected parts.



GCUT 336



GCUT 224



GCUT 112



GCUT 6



GCUT 4





DISTRIBUTION ENCLOSURES IP 40 - IP41

GMST Metal Enclosures

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
GMST1-14	40	14	1	390	345	122	176.85
GMST2-28	40	28	2	390	510	122	231.34
GMST3-42	40	42	3	390	630	122	263.63
GMST4-56	40	56	4	390	755	122	216.46
GMST5-70	40	70	5	390	880	122	315.12



NEW

MSI Metal Enclosures** MSI Enclosures are supplied without Flanges

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
MSI 36-1C	40	36	3	315	530	145	322.76
MSI 48-1C	40	48	4	315	680	145	362.07
MSI 90-2C	40	90	3	610	530	145	444.83
MSI120-2C	40	120	4	610	680	145	529.65
MSSKL	Lock and key set for MSI cabinets						43.03
TFSO	Flat Flange Size 11						7.42



MSI 36-1C

Plastic Enclosures - Surface Mounting

Item	IP Rating	Modules	Rows	Width mm	Height mm	Trade Price
CDN4G	41	4	1	84	174	23.54
S1-18	41	18	1	293	254	47.34
S2-24	41	24	2	285	419	51.35
S3-36	41	36	3	285	544	59.79
S2-36	41	36	2	393	419	65.94
S3-54	41	54	3	393	544	95.54



CDN4G

Plastic Enclosures - Flush Mounting C/W Metal Door

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
GME14PO-PH-GO	41	14	1	354	387	87	70.63
GME28PO-PH-GO	41	28	2	354	502	87	89.23
GME42PO-PH-GO	41	42	3	354	627	87	115.60
GME56PO-PH-GO	41	56	4	354	725	87	173.67
GME70PO-PH-GO	41	72	5	354	877	87	259.25



GME42PO-PH-GO



GME28PO-PH-GO

ENCLOSED SAFETY SWITCHES

Dynamic, Durable, Dependable

Key Features

- ✓ Lockable and Interlocked
- ✓ Available in 3 & 4 Pole
- ✓ Installer Friendly



ENCLOSED SAFETY SWITCHES

SAFETY SWITCHES ENCLOSED - AC IP65

Polycarbonate Safety Switches - Grey Body - Red Yellow Handle - 3 Pole

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SS 320 IP65	20	3	65	100	125	72	29.03
SS 325 IP65	25	3	65	100	125	72	31.20
SS 332 IP65	32	3	65	100	125	72	34.21
SS 340 IP65	40	3	65	125	175	90	39.57
SS 363 IP65	63	3	65	125	175	90	40.82
SS 380 IP65	80	3	65	190	280	130	86.07
SS 3100 IP65	100	3	65	190	280	130	107.27
SS 3125 IP65	125	3	65	190	280	130	122.66



SS 320 IP65

Polycarbonate Safety Switches - Grey Body - Red Yellow Handle - 4 Pole

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SS 420 IP65	20	4	65	100	125	72	32.52
SS 425 IP65	25	4	65	100	125	72	34.92
SS 432 IP65	32	4	65	100	125	72	36.36
SS 440 IP65	40	4	65	125	175	90	44.28
SS 463 IP65	63	4	65	125	175	90	46.58
SS 480 IP65	80	4	65	190	280	130	92.42
SS 4100 IP65	100	4	65	190	280	130	112.02
SS 4125 IP65	125	4	65	190	280	130	129.99



SS 4100 IP65

SAFETY SWITCHES AUX MODULES

Item	Rating (A)	Trade Price
RAC20	20	3.89
RAC25	25	3.89
RAC32	32	3.89
RAC40	40	3.89
RAC63	63	3.89
RAC80	80	9.79



SAFETY SWITCHES FOR EV CHARGING IP65 BLACK HANDLE

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SS 332 IP65B	32	3	65	100	125	72	34.21
SS 340 IP65B	40	3	65	125	175	90	39.57

SAFETY SWITCHES FOR PV APPLICATIONS

SOLAR DC Isolators

Item	Rating (A)	Poles	IP Rating	Trade Price
SS 416 IP65 DC	16	2	65	32.35
SS 432 IP65 DC	32	4	65	50.31



SS 416 IP65 DC

ENCLOSED SAFETY SWITCHES

ISOLATOR SWITCHES ENCLOSED IP53 METAL

Metalclad Isolator Switches - IP53

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SW 20 IP53M	20	3	53	110	147	70	32.69
SW 32 IP53M	32	3	53	135	220	85	54.44
SW 40 IP53M	40	3	53	135	220	85	56.70
SW 63 IP53M	63	3	53	135	220	85	58.11
SW 80 IP53M	80	3	53	245	315	125	118.20
SW 100 IP53M	100	3	53	245	315	125	127.51
SW 125 IP53M	125	3	53	245	315	125	138.21



SW 20 IP53M

ISOLATOR SWITCHES ENCLOSED IP55 METAL

Metalclad Isolator Switches 3 Pole - IP55

Item	Rating (A)	Poles	Enclosure Size	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GSW363 IP55M	63	3	1	55	200	300	150	206.50
GSW3125 IP55M	125	3	2	55	300	400	200	382.78
GSW3200 IP55M	200	3	2	55	300	400	200	442.55
GSW3250 IP55M	250	3	2	55	300	400	200	619.72
GSW3400 IP55M	400	3	3	55	500	600	250	910.90

Metalclad Isolator Switches 4 Pole - IP55

Item	Rating (A)	Poles	Enclosure Size	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GSW463 IP55M	63	4	1	55	200	300	150	214.87
GSW4125 IP55M	125	4	2	55	300	400	200	402.95
GSW4200 IP55M	200	4	2	55	300	400	200	525.61
GSW4250 IP55M	250	4	3	55	300	400	200	658.71
GSW4400 IP55M	400	4	4	55	500	600	250	963.01



GSW3200 IP55M



ENCLOSED SAFETY SWITCHES

FUSE SWITCHES - NH TYPE - ENCLOSED IP55 METAL

Metalclad Fuse Switches 3 Pole - IP55

Item	Rating (A)	Poles	Enclosure Size	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GFS363 IP55MNH	63	3	2	55	300	400	200	457.04
GFS3125 IP55MNH	125	3	3	55	300	400	200	653.46
GFS3160 IP55MNH	160	3	3	55	300	400	200	657.16
GFS3200 IP55MNH	200	3	4	55	500	600	250	1,200.54
GFS3250 IP55MNH	250	3	4	55	500	600	250	1,200.54
GFS3400 IP55MNH	400	3	4	55	500	600	250	1,422.57



CHANGEOVER SWITCHES - ENCLOSED IP53- IP55-IP65

Metalclad Changeover Switches - IP53

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
CO25IP53M	25	3	53	220	270	117	112.79
CO32IP53M	32	3	53	220	270	117	114.59
CO40IP53M	40	3	53	220	270	117	121.85
CO63IP53M	63	3	53	220	270	117	128.09
CO80IP53M	80	3	53	250	370	130	238.40
CO100IP53M	100	3	53	250	370	130	251.20
CO125IP53M	125	3	53	250	370	130	270.33



CO 80 IP53M

Metalclad Changeover Switches - IP55

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GCO3125IP55M	125	3	55	400	500	250	907.13
GCO3160IP55M	160	3	55	400	500	250	960.51
GCO3200IP55M	160	3	55	400	500	250	1,221.05
GCO3250IP55M	250	3	55	400	500	250	1,269.09
GCO3400IP55M	400	3	55	400	500	250	1,648.36



GCO 160 IP55M

Polyester Changeover Switches - IP65

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
CO25IP65P	25	4	65	190	280	130	126.66
CO32IP65P	32	4	65	190	280	130	131.79
CO40IP65P	40	4	65	190	280	130	136.02
CO63IP65P	63	4	65	190	280	130	142.46



CO 63 IP65P

METAL CLAD SWITCHGEAR

Meter Box

Item	Description	Rating (A)	Width mm	Height mm	Depth mm	Trade Price
ESBCT4	ESB CT Chamber	250A	500	500	250	549.21

Metalclad Enclosed Switchgear Link Box Complete- IP65

Item	Description	IP Rating	Width mm	Height mm	Depth mm	Trade Price
LINKBOX70	5 x 16sq - 120sq Link Box	65	320	395	175	381.48
LINKBOX185	5 x 70sq - 185sq Link Box	65	320	395	175	522.88

ACCESSORIES

Item	Description	Trade Price
NPE 35	Neutral - Earth Terminal 35mm	16.15
NPE 120	Neutral - Earth Terminal 120mm	51.86
TBN185	Neutral - Earth Terminal 185mm	73.39
SEAL	Sealing Screw 5mm	2.76
SEALKIT	GPK Sealing Kit	19.93
GCSEAL	Sealing Screw for GCS	1.49
GCSBRACKET	Seal Bracket for GCS System	0.69



NPE35



NPE120



DISCONNECTORS

Fuse Switch Disconnects

Item	Rating (A)	Size	Trade Price
GKVL-00	160A	3 Pole NH00	59.01
GKVL-1	250A	3 Pole NH1	176.87
GKVL-2	400A	3 Pole NH2	280.95
GKVL-3	630A	3 Pole NH3	371.53



707.037.001



EFD 101P



EFD 103P



EFD 221P



EFD 223P

Fuse Disconnectors

Item	Rating (A)	Poles	Size	Trade Price
EFD 101P	32A	1	10 x 38	4.24
EFD 102P	32A	2	10 x 38	9.26
EFD 103P	32A	3	10 x 38	13.34
EFD 221P	100A	1	22 x 58	16.27
EFD 223P	100A	3	22 x 58	52.67

FUSES - CYLINDRICAL: DO

DO Fuses gG(gl)

Item	Rating (A)	Type	Trade Price
6NZ01	6	DO1	0.83
10NZ01	10	DO1	0.83
16NZ01	16	DO1	0.83
20NZ02	20	DO2	0.83
25NZ02	25	DO2	0.83
35NZ02	35	DO2	0.83
50NZ02	50	DO2	1.12
63NZ02	63	DO2	1.12



63NZ02

Fuses Cylindrical

Item	Rating (A)	Type	Size	Trade Price
FUSE 2A	2	10 X 38	0	1.30
FUSE 4A	4	10 X 38	0	0.81
FUSE 6A	6	10 X 38	0	0.93
FUSE 10A	10	10 X 38	0	0.68
FUSE 16A	16	10 X 38	0	1.20
FUSE 20A	20	10 X 38	0	1.20
FUSE 25A	25	10 X 38	0	1.30
FUSE 32A	32	10 X 38	0	1.30
MS32	32	22 X 58	2	4.01
MS63	63	22 X 58	2	4.01
MS80	80	22 X 58	2	4.01
MS100	100	22 X 58	2	4.01



FUSE 6A

FUSES NH 120kA gL-gC

Item	Rating (A) NH00C		Trade Price
NV00C 6A	6		4.80
NV00C 10A	10		4.80
NV00C 16A	16		4.80
NV00C 20A	20		4.80
NV00C 25A	25		3.76
NV00C 35A	35		3.76
NV00C 40A	40		3.76
NV00C 50A	50		3.76
NV00C 63A	63		3.67
NV00C 80A	80		4.25
NV00C 100A	100		4.25
NH00			
NV00 125A	125		5.60
NV00 160A	160		5.60
NH1			
NV1 200A	200		10.61
NV1 250A	250		10.61
NH1C			
NV1C 63A	63		7.47
NV1C 80A	80		7.47
NV1C 100A	100		7.47
NV1C 125A	125		7.47
NV1C 160A	160		7.47
NH2C			
NV2C 63A	63		11.91
NV2C 80A	80		11.91
NV2C 100A	100		11.91
NV2C 125A	125		11.91
NV2C 160A	160		11.58
NV2C 200A	200		11.91
NV2C 250A	250		11.91
NH2			
NV2 315A	315		13.48
NV2 355A	355		13.48
NV2 400A	400		13.48
NH3C			
NV3C 250A	250		21.01
NV3C 315A	315		21.01
NV3C 355A	355		21.01
NV3C 400A	400		21.01
NH3			
NV3 500A	500		23.47
NV3 630A	630		23.47
NH4			
NV4 630A	630		85.61
NV4 800A	800		85.61
NV4 1000A	1000		93.44



EV CHARGING

The Ultimate Solutions

Key Features

- ✓ High Quality Chargers
- ✓ Full extensive range of AC & DC Chargers
- ✓ Suitable for every application
- ✓ Flexible charging
- ✓ Charge point branding available





Entity Pro Home Charging

Entity Pro 7.4kW Home Charger

Item	Model Type & Connection	Trade Price
EPCSO0132SIGIPEN	SP Entity Pro 7.4kw Socket Version	1,701.50
EPCSC50132FIGIP	SP Entity Pro 7.4kW 5M Cable Version	1,633.33
EPCSC80132FIGIP	SP Entity Pro 7.4kW 8M Cable Version	1,700.00

Entity Load Management

Item	Model Type & Connection	Trade Price
EPLM60	60A Current Limiting relay c/w Clip on CT	100.00
EPLM80	80A Current Limiting relay c/w Clip on CT	100.00

EV Distribution Boards with Load Management Integration

Item	Modules	Incoming	IP Rating	Load Mangement	Surge	Trade Price
GC8EPLM60	8	RCBO	65	Yes	-	270.02
GC12EPLM60S	12	RCBO	65	Yes	Yes	331.94
GC12EPLM80	12	RCBO	65	Yes	-	292.31
GC12EPLM80S	12	RCBO	65	Yes	Yes	347.05

Entity Load Management

Item	Description	Trade Price
ELIB	Entity Load Interface Basic (LAN/Wifi)	395.83
GDT16-100A	100A CT Kit for ELIB	79.24

Entity Pro 7.4 KW Kits

Item	Description	Trade Price
Fixed Cable		
EPCS50132FKIT60A	Entity 7.4kw 5m Lead Charger & LM 60A	1,132.00
EPCS50132FKIT80A	Entity 7.4kw 5m Lead Charger & LM 80A	1,132.00
EPCS80132FKIT60A	Entity 7.4kw 8m Lead Charger & LM 60A	1,174.00
EPCS80132FKIT80A	Entity 7.4kw 8m Lead Charger & LM 80A	1,174.00
Socket		
EPCSO0132KIT60A	Entity 7.4kw Socket Charger & LM 60A	1,110.00
EPCSO0132KIT80A	Entity 7.4kw Socket Charger & LM 80A	1,110.00

Key Features

- ✓ Full Third Party Certification (TUV)
- ✓ Nationwide Technical Support
- ✓ Eligible for SEAI Domestic Grant
- ✓ Smart Bracket for Fast Installation
- ✓ Movable Socket (left or right)
- ✓ RFID/Wifi/LAN Enabled
- ✓ App for Control and Monitoring
- ✓ OCPP 1.5-1.6 (ready for OCPP2.0)
- ✓ Load Balancing (wired and wireless options)
- ✓ Integrated Meter (MID optional)
- ✓ Over Current Protection
- ✓ Short Circuit Protection
- ✓ AC & DC Leakage Protection





Entity Pro 22kW Public Charger

Item	Model Type & Connection	Trade Price
EPCSO00332SIGI	Entity Pro 3-Phase 22KW Socket	1,747.89
EPCSO00332SVGI	Entity Pro 3-Ph, 22KW Socket, MID Metered	1,945.81
EPCS40332SIGI	Entity Pro 3-Ph, 22KW 4M Lead	1,861.66

Entity Pro 22kW Dual - The Smarter Charger for two electric vehicles

Item	Model Type & Connection	Trade Price
EPCSO00332SIGIO	Entity Pro 3-Ph, 22KW Dual Socket	3,216.00
EPCSO00332SVGIO	Entity Pro 1-Ph, 7.4KW Dual Socket	3,434.38

Entity Pro Dual Kits

Item	Model Type & Connection	Trade Price
EPCSDP22BTB	22kW Dual Entity c/w Pedestal (back to back)	3,564.40
EPCSDP22SBS	22kW Dual Entity c/w Pedestal (side by side)	3,849.73
EPCSO00332SIGO	22Kw Dual Entity Wall Mounted	3,216.00

Entity Dynamic Load Management Kits

Item	Description	Trade Price
DLM100ELIB	Entity Basic DLM & 100A Split Core CT's	516.66
DLM100ELIA	Entity Adv DLM + 100A Split Core CT's	740.43
DLM300ELIA	Entity Adv DLM + 300A Split Core CT's	842.89
DLM600ELIA	Entity Adv DLM + 600A Split Core CT's	867.51



Suitable for
Apartment buildings, workplaces, or
homes

Entity Accessories

Entity Installation Poles

Item	Description	Trade Price
EPPFS	GARO Entity Pro Pole mount fixture single	89.27
EPPFD	GARO Entity Pro Pole mount fixture double back to back	139.88

Entity Ground Mounted Stands

Item	Description	Trade Price
EPGSS	Entity Pro Ground Stand single and back to back	372.56
EPGSD	Entity Pro Ground Stand double side by side and back to back	572.69
EPGCA	Concrete anchor Entity stand	214.50
EPSSC	Entity Pro Installation kit stand	95.28
EPGSH	Cable hook Entity Pro ground stand	29.87
EWLH	Wall hook Entity	41.76

Wireless Load Management

Item	Description	Trade Price
ELIB	Entity Load Interface Basic (LAN/Wifi)	395.83
ELIA	Entity load interface unit ADVANCED (5A Sec. CT's Required)	443.16
GDT16-100A	100A CT Kit for ELIB	79.24

Entity Installation Brackets and Covers

Item	Description	Trade Price
EPBSO	Entity Pro Single Bracket	98.46
EPBDO	Entity Pro Double Bracket	150.77
EPPC	Entity Pro Protection Front Cover	28.53

Entity Front Covers

Item	Description	Trade Price
EPFCB	GARO Entity Pro Front Cover Black	24.96
EPFCG	GARO Entity Pro Front Cover Grey	34.02
EPFCW	GARO Entity Pro Front Cover White	34.02
EPFCR	GARO Entity Pro Front Cover Red	34.02





Charge two vehicles simultaneously

Item	Model Type & Connection	Trade Price
GTBBDCMT274WOARL	OCPP 2 X 7.4kw Dual Charger LAN, Meter RFID	5,671.23
GTBBDCMT222WOARL	OCPP 2 X 22kw Dual Charger LAN Meter RFID	6,074.30
GTBBDCMT274WOARM	OCPP 2 X 7.4kw Dual Charger 4G Meter RFID	6,060.28
GTBBDCMT222WOARM	OCPP 2 X 22kw Dual Charger 4G Meter RFID	6,463.36



Installation

Simple , Safe & flexible installation



Suitable for

Apartment buildings, workplaces & homes



- Attractive design and robust construction
- Highly visible LED indication
- Can be combined with LS4 Chargers
- Integral RCD & DC Fault Monitoring
- Simple, flexible installation with mounting brackets for wall or post
- Connection via LAN or 4G, GARO's 4G routers are available as an option
- Lockable service hatch, shielded inside to avoid electric shock
- Metering and RFID management
- Capable of creating large charging clusters and controlling with dynamic load control.



LS4

Quality and Design for Public Environments

Item	Description	Trade Price
LAN Versions		
LS4DCMT222WO-LAN	2 x 22kw Outlets Metered, LAN & RFID	6,582.89
4G Versions		
LS4DCMT274WO-MC	2 x 7.4kw Outlets Metered, RFID & 4G	6,931.29
LS4DCMT222WO-MC	2 x 22kw Outlets Metered, RFID & 4G	7,198.74
43kW Versions		
LS4MDCMT243FC-MC	Mini 1 x 43kW Fixed Cable 7.5m	7,297.35



Suitable for

Apartment buildings, workplaces & homes

- Simple and intuitive operation
- User identification - RFID reader
- Charger status information
- Optional integration with Back Office (OCPP)
- Built-in communication (4G or LAN)
- Ability to activate DLM (dynamic load management of each socket)
- Personalisation with chargepoint branding
- Floor-standing or wall-mounting



EV CHARGING ACCESSORIES

Meters

		GTB	LS4	
GNM1D-RS485	Single phase local Meter 45 Amps	X		91.51
GNM1D-100-RS485	Single Phase DLM Meter 100 Amp	X		172.57
GNM3D-RS485	Three Phase DLM or local Meter 63 Amps	X	X	194.19
DLM200	Three Phase CT DLM Meter 200 Amps	X	X	859.35
DLM250	Three Phase CT DLM Meter 250 Amps	X	X	859.35
DLM400	Three Phase CT DLM Meter 400 Amps	X	X	859.35



Communication & Access

		GTB	LS4	
RFID Cards	Pack of 5 RFID cards	X	X	71.86
RFID Tags	Pack of 5 RFID Tags	X	X	71.86



Wall Brackets

		GTB		
GTB-WB	GTB Wall Bracket (Required for 22KW)	X		56.48

Ground Mounts

		GTB	LS4	
GTB-PB-TUBE60	GTB Post Bracket 60mm (to be used with MVRP or MVRF)	X		139.95
MVRF	In Ground Fixing post 1550mm for GLBFD/ ST-GHL / LS4-PM	X	X	131.08
MVRP	Plate mounted post 750mm for GTB	X		131.08
GTB-PB-OVAL	GTB Post Bracket (to be used with MVR-AB)	X		138.72
MVR-AB	Oval Plate Mounted Post for GTB	X		311.87
LS4-PM	LS4 Fixing Bracket for MVRF		X	78.03
MF-LS4	Ground Mount Bracket for LS4		X	186.07



EV Charging Cables

		GTB	LS4	
CCM32T2T1-5	Type 2 to Type 1 32A 240V 5 Meter EV Charging Cable	X	X	461.20
CCM32T2T2-5	Type 2 to Type 2 32A 240V 5 Meter EV Charging Cable	X	X	429.02
CCM32T2T2-8	Type 2 to Type 2 32A 240V 8 Meter EV Charging Cable	X	X	464.78
CCM32T2T2-10	Type 2 to Type 2 32A 240V 10 Meter EV Charging Cable	X	X	525.06
CCT32T2T2-5	Type 2 to Type 2 32A 400V 5 Meter EV Charging Cable	X	X	464.78
CCT32T2T2-8	Type 2 to Type 2 32A 400V 8 Meter EV Charging Cable	X	X	536.28
CCT32T2T2-10	Type 2 to Type 2 32A 400V 10 Meter EV Charging Cable	X	X	589.91



Safety Switches For EV charging

		GTB	LS4	
SS 332 IP65B	32A 3 Pole IP65	X	X	34.21
SS 340 IP65B	40A 3 Pole IP65	X	X	39.57





GC12EPLM60S



E-Mobility Cabinet

EV Distribution Boards

Item	Enclosure	Total Modules	Free Modules	Incoming	IP Rating	Surge	Trade Price
GC4EV40	GCUT4	4	0	63 A MCB	65	-	127.80
GC6EV40	GCUT6	6	0	63 A MCB	65	-	127.80
GC6EV40S	GCUT6	6	0	ISOLATOR	65	Yes	168.34
GC8EV40S	GCUT8	8	0	63 A MCB	65	Yes	187.42

NOTE: Other versions are available upon request. Please consult our E-mobility Team for assistance with your application GCUT
EV Boards can be locked for added security. Add product GCUTKL €25.35

EV Distribution Boards with Load Management Integration for 7.4kW Domestic Entity Pro

Item	Total Modules	Incoming	IP Rating	Load Mangement	Surge	Trade Price
GC8EPLM60	8	63A MCB	65	Yes	-	270.09
GC12EPLM60S	12	63A MCB	65	Yes	Yes	331.94
GC12EPLM80	12	80A MCB	65	Yes	-	292.31
GC12EPLM80S	12	80A MCB	65	Yes	Yes	347.05

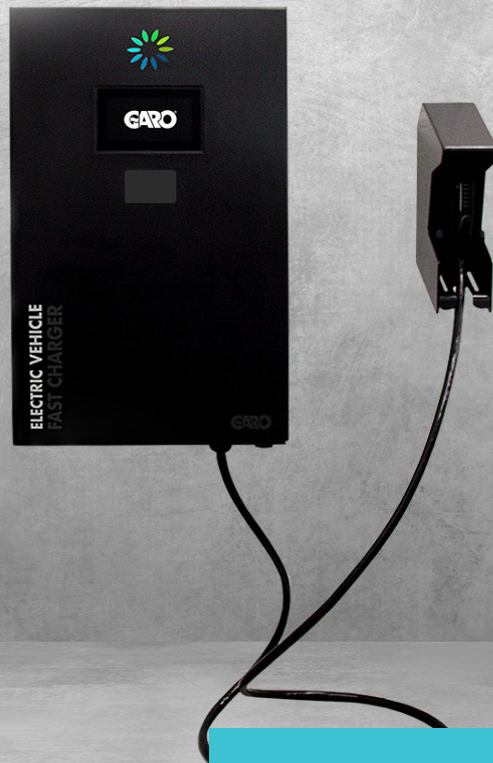
EV Distribution Boards With PME Fault Detection

Item	Enclosure	Total Modules	Free Modules	Incoming	PEN Fault Detection	IP Rating	Trade Price
G6EV40PME	G6-6	6	0	RCBO A	Yes	41	274.98
GC6EV40PME	GCUT6	6	0	RCBO A	Yes	65	309.27

Metal EV Distribution Boards

Item	Total Modules	Free Modules	Incoming	IP Rating	Trade Price
GMS5EV40LM60	5	0	RCBO A	65	241.09
GMS5EV40LM80	5	0	RCBO A	65	241.09

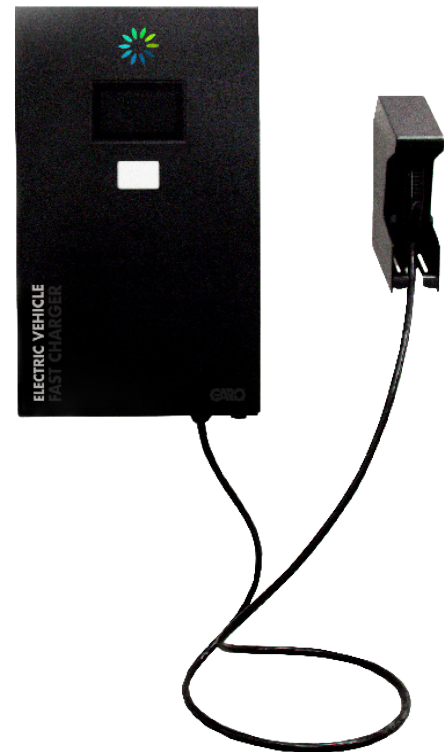




ATLE 24kW DC Charger

Easy and Compact Fast Charging

GARO's Alte fast chargers are specially designed to operate in the toughest of conditions, providing a quick and reliable charge for all plug in vehicles. They are ideal for situations where people need to top up their electricity quickly. Furthermore, thanks to their RFID and back office connection capabilities, users can easily identify and start charging their cars in no time.



Item	Model Type & Connection	Trade Price
ATLE 24 KW	24KW DC CHARGING	P.O.A



60kW/120kW/ 180kW Rapid Charger

Power your vehicle with Confidence

Created to power even the most demanding of vehicles, the RAPID DC charging stations have been designed to comply with the highest quality standards and latest technology. They offer the best performance in terms of power management, communications, reliability and efficiency. The Chargers are compatible with CCS and CHAdeMO standards, with the option of single or dual DC Outlets. Simultaneous charging on both DC outlets is possible, and an optional AC outlet can allow simultaneous charging of up to three vehicles.



Rapid Charging

RAPID 60 kW

Item	Model Type & Connection	Trade Price
Stainless Steel		
GSR60M0N-NNC2	Stainless Steel RAPID 60 One DC	P.O.A
GSR60M0N-C2C2	Stainless Steel RAPID 60 Duo DC	P.O.A
GSR60M0M-C2C2	Stainless Steel RAPID 60 Duo - DC	P.O.A
GSR60M0M-C2C2	Stainless Steel RAPID 60 Duo - DC	P.O.A

Item	Model Type & Connection	Trade Price
Galvanised Steel		
GR60M0N-NNC2	Galvanised Steel RAPID 60 One - DC	P.O.A
GR60M0N-C2C2	Galvanised Steel RAPID 60 Duo - DC	P.O.A
GR60M0M-C2C2	Galvanised Steel RAPID 60 Duo - DC	P.O.A

RAPID 120 kW

Item	Description	Price
GRNM120-NNC1	RAPID 120 One - DC 120 kW CCS 300A	P.O.A
GRNM120-C1H2	RAPID 120 Duo - DC 120 kW CCS 300A & CHAdEMO 125A	P.O.A
GRNM120-C1C1	RAPID 120 Duo - DC 120 kW CCS 300A & CCS 300A	P.O.A
GRMM120-C1H2	RAPID 120 Trio - DC 120 kW CCS 300A & CHAdEMO 125A & AC 22 kW Socket Type 2	P.O.A
GRMM120-C1C1	RAPID 120 Trio - DC 120 kW CCS 300A & CCS 300A & AC 22 kW Socket Type 2	P.O.A

RAPID 180 kW

Item	Description	Price
GRNM180-NNC1	RAPID 180 One - DC 180 kW CCS 300A	P.O.A
GRNM180-C1H2	RAPID 180 Duo - DC 180 kW CCS 300A & CHAdEMO 125A	P.O.A
GRNM180-C1C1	RAPID 180 Duo - DC 180 kW CCS 300A & CCS 300A	P.O.A
GRMM180-C1H2	RAPID 180 Trio - DC 180 kW CCS 300A & CHAdEMO 125A & AC 22 kW Socket Type 2	P.O.A
GRMM180-C1C1	RAPID 180 Duo - DC 180 kW CCS 300A & CCS 300A & AC 22 kW Socket Type 2	P.O.A



INDUSTRIAL PLUGS & SOCKETS

Robust & Reliable

Key Features

- ✓ Extremely Durable & Robust
- ✓ Easy-fit and Time Saving
- ✓ CE Certified
- ✓ Excellent Stock Availability

IP44

Plugtops

Item	Pins	Poles	Operating Voltage	Frequency Hz	Clock Pos	Colour Code	Package size	Trade Price
P216-4S	3	2p + E	100-130	50-60	4	■	10	4.23
P216-6S	3	2p + E	200-250	50-60	6	■	10	4.15
P232-4S	3	2p + E	100-130	50-60	4	■	10	13.26
P232-6S	3	2p + E	200-250	50-60	6	■	10	13.26
P416-6S	5	3p + N + E	200-415	50-60	6	■	10	9.05
P432-6S	5	3p + N + E	200-415	50-60	6	■	10	14.78



P216 - 6S

Couplers

S216-4S	3	2p + E	100-130	50-60	4	■	10	6.89
S216-6S	3	2p + E	200-250	50-60	6	■	10	6.89
S232-4S	3	2p + E	100-130	50-60	4	■	10	15.97
S232-6S	3	2p + E	200-250	50-60	6	■	10	15.97
S416-6S	5	3p + N + E	200-415	50-60	6	■	10	13.83
S432-6S	5	3p + N + E	200-415	50-60	6	■	10	17.06



S 216-4S

Wall Sockets

UI216-4S-RU	3	2p + E	100-130	50-60	4	■	10	9.08
UI216-6S-RU	3	2p + E	200-250	50-60	6	■	10	9.08
UI232-4S-RU	3	2p + E	100-130	50-60	4	■	10	17.06
UI232-6S-RU	3	2p + E	200-250	50-60	6	■	10	17.06
UI416-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	13.83
UI432-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	19.35



UI 232-6 S-RU

IP67

Plugtops

Item	Pins	Poles	Operating Voltage	Frequency Hz	Clock Pos	Colour Code	Package size	Trade Price
PV216-4S	3	2p + E	100-300	50-60	4	■	10	8.92
PV216-6S	3	2p + E	200-250	50-60	6	■	10	8.92
PV316-4S	3	3p + E	100-130	50-60	4	■	10	10.56
PV232-4S	3	2p + E	100-130	50-60	4	■	10	15.86
PV232-6S	3	2p + E	200-250	50-60	6	■	10	16.25
PV416-6S	5	3p + N + E	200-415	50-60	6	■	2	11.86
PV432-6S	5	3p + N + E	200-415	50-60	6	■	2	19.19



PV 316-4S

Couplers

SV216-4S	3	2p + E	100-300	50-60	4	■	10	12.13
SV216-6S	3	2p + E	200-250	50-60	6	■	10	12.13
SV232-4S	3	2p + E	100-130	50-60	4	■	10	21.14
SV232-6S	3	2p + E	200-250	50-60	6	■	10	21.14
SV416-6S	5	3p + N + E	200-415	50-60	6	■	10	15.86
SV432-6S	5	3p + N + E	200-415	50-60	6	■	10	24.98















SV 316-6S

Wall Sockets

UIV216-4S-RU	3	2p + E	100-300	50-60	4	■	5	18.02
UIV216-6S-RU	3	2p + E	200-250	50-60	6	■	5	18.02
UIV232-4S-RU	3	2p + E	100-130	50-60	4	■	5	24.18
UIV232-6S-RU	3	2p + E	200-250	50-60	6	■	5	24.18
UIV416-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	20.45
UIV432-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	27.49



PLUGS 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
P 216-4 S	3 2p + E	100-130	50-60	4 	10	4.23
P 216-6 S		200-250	50-60	6 	10	4.15
P 232-4 S		100-130	50-60	4 	10	13.26
P 232-6 S		200-250	50-60	6 	10	13.26
P 263-6 S		200-250	50-60	6 	2	41.16
P 316-4 S	4 3p + E	100-130	50-60	4 	10	8.12
P 316-6 S		380-415	50-60	6 	10	8.12
P 332-6 S		380-415	50-60	 6	10	13.98
P 363-6 S		380-415	50-60	6 	2	42.21
P 416-6 S		200-415	50-60	6 	10	9.05
P 432-6 S	5 3p + N + E	200-415	50-60	6 	10	14.78
P 463-6 S		200-415	50-60	6 	2	44.28



P463 - 6S



P216 - 6S

Connectable cable size:
16A, 1-2,5 mm²
32A, 2,5-6 mm²
63A, 6 -16 mm²


















Degree of protection IP44

- Accessories:
- 16A Cover Type TL216S
 - 32A Cover Type TL232S
 - 63A Cover Type TL63S

Other clock positions are produced to order.



PLUGS WATERTIGHT 16A - 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
PV 216-4S	3 2p + E	100-300	50-60	4 	10	8.92
PV 216-6S		200-250	50-60	6 	10	8.92
PV 232-4S		100-130	50-60	4 	10	15.86
PV 232-6S		200-250	50-60	6 	10	16.25
PV 263-4S		100-130	50-60	4 	2	39.03
PV 263-6S		200-250	50-60	6 	2	32.20
PV 2125-6S	4 3p + E	200-250	50-60	6 	2	165.21
PV 316-4S		100-130	50-60	4 	10	10.56
PV 316-6S		380-415	50-60	6 	10	10.56
PV 332-4S		100-130	50-60	4 	10	17.05
PV 332-6S		380-415	50-60	6 	10	17.05
PV 363-6S		380-415	50-60	6 	2	43.10
PV 3125-6S	5 3p + N + E	380-415	50-60	6 	2	177.41
PV 416-6S		200-415	50-60	6 	10	11.86
PV 432-6S		200-415	50-60	6 	10	19.19
PV 463-6S		200-415	50-60	6 	2	43.93
PV 4125-6S		200-415	50-60	6 	2	182.88



PV 316-4S



PV 416-6S



Connectable cable size:

16A 1-2,5 mm²

32A 2,5-6 mm²

63A 6-16 mm²

125A 16-50 mm²

Degree of protection IP67

Accessories: Cover

Accessories:

16A Cover Type TL216S

32A Cover Type TL232S

42A Cover Type TL42S

63A Cover Type TL63S

Other clock positions are produced to order.

INDUSTRIAL PLUGS AND SOCKETS

PLUGS ANGLED 16A and 32A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
PA 216-6 S	3 2p + E	200-250	50-60	6 ■	10	20.93
PA 416-4 S	5 3p + N + E	100-130	50-60	4 ■	10	23.40
PA 416-6 S		200-415	50-60	6 ■	10	23.02
PA 432-6 S		200-415	50-60	6 ■	10	32.14

Connectable cable size:

16A: 1-2,5 mm²

32A: 2,5-6 mm²

Degree of protection IP44



PA 216 - 6S

PHASE INVERTER 16A and 32A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
FV 316-6 S	4 2p + N + E	380-415	50-60	6 ■	10	21.17
FV 416-6 S	5 3p + N + E	200-415	50-60	6 ■	10	21.17
FV 432-6 S	5 3p + N + E	200-415	50-60	6 ■	10	22.40

Connector size:

16A: 1-2,5 mm²

32A: 2,5-6 mm²

Degree of protection IP44













Other clock positions are produced to order.

Covers TL416S, TL432S



FV 416 - 6S

COUPLERS 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
S 216-4 S	3 2p + E	100-130	50-60	4 	10	6.89
S 216-6 S		200-250	50-60	6 	10	6.89
S 232-4 S		100-130	50-60	4 	10	15.97
S 232-6 S		200-250	50-60	6 	10	15.97
S 263-6 S		200-250	50-60	6 	2	40.33
S 316-4 S	4 3p + E	100-130	50-60	6 	10	8.62
S 316-6 S		380-415	50-60	6 	10	8.62
S 332-6 S		380-415	50-60	6 	10	16.68
S 363-6 S		380-415	50-60	6 	2	40.33
S 416-6 S		200-415	50-60	6 	10	13.83
S 432-6 S	5 3p + N + E	200-415	50-60	6 	10	17.06
S 463-6 S		200-415	50-60	6 	2	44.07



S 216-4S



S 216-6S

Connectable cable size:

16A: 1-2,5 mm²

















32A: 2,5-6 mm²

63A: 6-16 mm²

Degree of protection IP44

Other clock positions are produced to order.

COUPLERS WATERIGHT 6A - 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
SV 216-4S	3 2p + E	100-130	50-60	4 	10	12.13
SV 216-6S		200-250	50-60	6 	10	12.13
SV 232-4S		100-130	50-60	4 	10	21.14
SV 232-6S		200-250	50-60	6 	10	21.14
SV 263-4S		100-130	50-60	4 	2	62.16
SV 263-6S		200-250	50-60	6 	2	46.51
SV 2125-6S	4 3p + E	200-250	50-60	6 	2	199.49
SV 316-4S		100-130	50-60	4 	10	15.43
SV 316-6S		380-415	50-60	6 	10	13.81
SV 332-6S		380-415	50-60	6 	10	22.50
SV 363-6S		380-415	50-60	6 	2	50.13
SV 3125-6S		380-415	50-60	6 	2	193.11
SV 416-6S	5 3p + N + E	200-415	50-60	6 	10	15.86
SV 432-6S		200-415	50-60	6 	10	24.98
SV 463-6S		200-415	50-60	6 	2	61.32
SV 4125-6S		200-415	50-60	6 	2	208.44



SV 316-6S



SV 232-4S













16A: 1-2,5 mm²
 32A: 2,5-6 mm²
 63A: 6-16 mm²
 125A: 16-50 mm²

Degree of protection IP67

Other clock positions are produced to order.

INDUSTRIAL PLUGS AND SOCKETS

WALL SOCKET 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UI 216-4 S - RU	3 2p + E	100-130	50-60	4 	10	9.08
UI 216-6 S - RU		200-250	50-60	6 	10	9.08
UI 232-4 S - RU		100-130	50-60	4 	10	17.06
UI 232-6 S - RU		200-250	50-60	6 	10	17.06
UI 263-6 S - RU		200-250	50-60	6 	2	54.88
UI 316-4 S - RU	4 3p + E	100-130	50-60	4 	10	15.72
UI 316-6 S - RU		380-415	50-60	6 	10	11.27
UI 332-6 S - RU		380-415	50-60	6 	10	17.40
UI 363-6 S - RU		380-415	50-60	6 	2	58.31
UI 416-6 S - RU	5 3p + N + E	200-415	50-60	6 	10	13.83
UI 432-6 S - RU		200-415	50-60	6 	10	19.35
UI 463-6 S - RU		200-415	50-60	6 	2	62.46



UI 232-6 S-RU

Wall sockets with double entry

For wall and machine mounting with cable connection from top & back

Connectable cable size:











16A: 1-2,5 mm². Solid cable 1-4 mm²

32A: 2,5-6 mm². Solid cable 2,5-10 mm²

63A: 6-16 mm² and solid cable 6-25 mm²

Supplied with cable gland entry

















Degree of protection IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UI 216-4 DE - RU	3 2p + E	100-130	50-60	4 	10	14.95
UI 216-6 DE - RU		200-250	50-60	6 	10	12.47
UI 232-6 DE - RU		200-250	50-60	6 	10	20.22
UI 263-6 S - RU		200-250	50-60	6 	2	54.88
UI 316-6 DE - RU	4 3p + E	380-415	50-60	6 	10	18.04
UI 332-6 DE - RU		380-415	50-60	6 	10	21.01
UI 363-6 S - RU		380-415	50-60	6 	2	58.31
UI 416-6 DE - RU	5 3p + N + E	200-415	50-60	6 	10	19.38
UI 432-6 DE - RU		200-415	50-60	6 	10	24.17
UI 463-6 S - RU		200-415	50-60	6 	2	62.46



UI 216-4 DE-RU

WALL SOCKET WATERTIGHT 16A-125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UIV 216-4S - RU	3 2p + E	100-130	50-60	4 	5	18.02
UIV 216-6S - RU		200-250	50-60	6 	5	18.02
UIV 232-4S - RU		100-130	50-60	4 	5	24.18
UIV 232-6S - RU		200-250	50-60	6 	5	24.18
UIV 263-4S - RU		100-130	50-60	4 	2	51.87
UIV 263-6S - RU		200-250	50-60	6 	2	51.87
UIV 2125-6S - RU	4 3p + E	200-250	50-60	6 	1	229.13
UIV 316-4S - RU		100-130	50-60	4 	5	19.19
UIV 316-6S - RU		380-415	50-60	6 	5	19.19
UIV 332-6S - RU		380-415	50-60	6 	5	25.04
UIV 363-6S - RV		380-415	50-60	6 	2	44.63
UIV 3125-6S - RU		380-415	50-60	6 	1	234.98
UIV 416-6S - RU	5 3p + N + E	200-415	50-60	6 	5	20.45
UIV 432-6S - RU		200-415	50-60	6 	5	27.49
UIV 463-6S - RU		200-415	50-60	6 	2	64.60
UIV 4125-6S - RU		200-415	50-60	6 	1	285.02



UIV 316-6S - RU

For wall mounting with cable connection from top & back
Connectable cable size:

- 16A: 1-2,5 mm² & Solid cable 1-4 mm²
- 32A: 2,5-10 mm² & Solid cable 2,5-10 mm²
- 63A: 6-16 mm² & Solid cable 6-25 mm²
- 125A: 5 x 50 mm² to terminal block












Flexible 16-50 mm² and solid cable 16-70 mm²

Degree of protection IP67

Other clock positions are produced to order.

INDUSTRIAL PLUGS AND SOCKETS

WALL INLET 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
II 216-4 S - RI	3 2p + E	100-130	50-60	4 	10	14.58
II 216-6 S - RI		200-250	50-60	6 	10	14.58
II 232-4 S - RI		100-130	50-60	4 	10	18.08
II 232-6 S - RI		200-250	50-60	6 	10	17.63
II 263-6 S - RI	4 3p + E	200-250	50-60	6 	2	56.59
II 316-4 S - RI		100-130	50-60	4 	10	13.80
II 316-6 S - RI		380-415	50-60	6 	10	15.16
II 332-6 S - RI		380-415	50-60	6 	10	19.50
II 416-6 S - RI	5 3p + N + E	200-415	50-60	6 	10	15.55
II 432-6 S - RI		200-415	50-60	6 	10	30.93
II 463-6 S - RI		380-415	50-60	6 	2	68.61



II 232-6S - RI



II 216-4S - RI

For wall mounting with cable connection possible from top & bottom
Connectable cable size:















- 16A: 1-2,5 mm² & Solid cable 1-4 mm²
- 32A: 2,5-6 mm² & Solid cable 2,5-10 mm²
- 63A: 6-25 mm²

Supplied with sealed gland entry M40

Degree of protection IP44

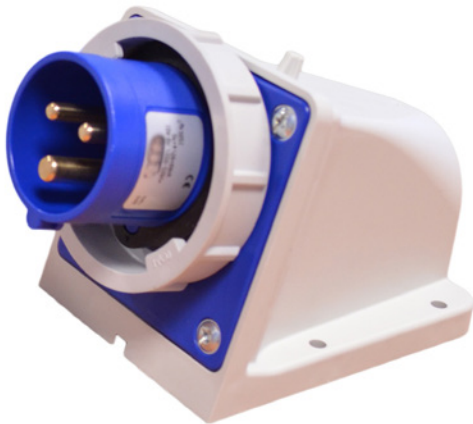
Other clock positions are produced to order.

WALL INLET 16A - 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
IIV 216-4S - RI	3 2p + E	100-130	50-60	4 	10	31.05
IIV 216-6S - RI		200-250	50-60	6 	10	31.05
IIV 232-4S - RI		100-130	50-60	4 	10	41.86
IIV 232-6S - RI		200-250	50-60	6 	10	41.86
IIV 263-4S - RI		100-130	50-60	4 	2	100.09
IIV 263-6S - RI		200-250	50-60	6 	2	93.99
IIV 2125-6 - RI	4 3p + E	200-250	50-60	6 	1	238.93
IIV 332-6S - RI		380-415	50-60	6 	10	60.28
IIV 363-6S - RI		380-415	50-60	6 	2	64.03
IIV 3125-6S - RI		380-415	50-60	6 	1	257.91
IIV 416-6S - RI	5 3p + N + E	200-415	50-60	6 	10	35.78
IIV 432-6S - RI		200-415	50-60	6 	10	75.32
IIV 463-6S - RI		200-415	50-60	6 	2	101.84
IIV 4125-6S - RI		200-415	50-60	6 	1	312.14



IIV 463-6S - RI



IIV 216-6S - RI

Waterproof inlet for wall mounting
Connectable cable size:
16A: 1-2,5 mm² & 1-4 mm² for solid cable
32A: 2,5-6 mm² & for solid cable 2,5-10 mm²
63A: 6-16 mm² & for solid cable 6-25 mm²
125A: 16-50 mm² & for solid cable 16-70 mm²

Degree of protection IP67

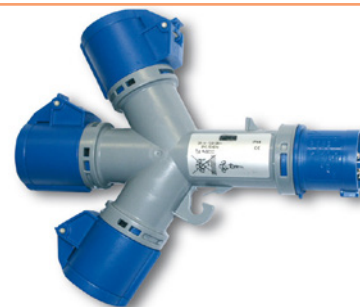
Other clock positions are produced to order.



INDUSTRIAL PLUGS AND SOCKETS

CONNECTION OUTLETS - 3 WAY 16A IP44 & IP67

With IEC-CEE 16A socket inlet and 3 x 16A socket outlets
Connectable cable size: 1,5-4 mm²

Degree of protection IP44





Item	Poles	Operating Voltage	Frequency Hz		Colour Code	Package size	Trade Price
P3 S216-4S	3	3 x 16A socket outlets	110-130	50-60	4 	1	69.17
P3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 	1	62.91

With IEC-CEE 16A socket inlet and 3 x 16A socket outlets
Connectable cable size: 1,5-4 mm²

Degree of protection IP67




Item	Poles	Operating Voltage	Frequency Hz		Colour Code	Package size	Trade Price
PV3 S216-4S	3	3 x 16A socket outlets	110-130	50-60	4 	1	90.13
PV3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 	1	84.03

ADAPTOR 16A - 13A BS IP44

With IEC-CEE 16A socket inlet & 3-pin BS 13A socket outlet
Connectable cable size: 1,5-4 mm²















Degree of protection IP44



Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
II216-6-13A	3	200-250	50-60	6 	10	27.69

INDUSTRIAL PLUGS AND SOCKETS

PANEL MOUNTED SOCKET WITH STRAIGHT MOUNTING PLATE 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UIL 216-4 S	3 2p + E	100-130	50-60	4 	10	5.48
UIL 216-6 S		200-250	50-60	6 	10	5.00
UI 216-4 S		100-130	50-60	4 	10	5.42
UI 216-6 S		200-250	50-60	6 	10	5.00
UI 232-4 S		100-130	50-60	4 	10	7.49
UI 232-6 S		200-250	50-60	6 	10	6.97
UI 263-4 S		100-130	50-60	4 	2	56.04
UI 263-6 S		200-250	50-60	6 	2	43.10
UI 316-6 S	4 3p + E	380-415	50-60	6 	10	6.22
UI 332-6 S		380-415	50-60	6 	10	7.77
UI 363-6 S		380-415	50-60	6 	2	41.55
UI 416-6 S	5 3p + N + E	200-415	50-60	6 	10	6.49
UI 432-6 S		200-415	50-60	6 	10	9.24
UI 463-6 S		200-415	50-60	6 	2	45.71

For panel mounting

Connectable cable size:

16A: 1-2,5 mm² & solid cable 1-4 mm².

32A: 2,5-6 mm² & solid cable 2,5-10 mm²

63A: 6-16 mm² & solid cable 6-25 mm²

Degree of protection IP44















UIL 216-6S



UI 316-4S

INDUSTRIAL PLUGS AND SOCKETS

PANEL MOUNTED SOCKET WITH ANGLED MOUNTING PLATE 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UIS 216-4 S	3 2p + E	100-130	50-60	4 	10	5.48
UIS 216-6 S		200-250	50-60	6 	10	5.00
UIS 232-4 S		100-130	50-60	4 	10	8.46
UIS 232-6 S		200-250	50-60	6 	10	7.49
UIS 263-6 S		200-250	50-60	6 	2	41.23
UIS 316-6 S	4 3p + E	380-415	50-60	6 	10	6.87
UIS 332-6 S		380-415	50-60	6 	10	7.56
UIS 363-4 S		100-130	50-60	4 	2	43.03
UIS 363-6 S		380-415	50-60	6 	2	44.11
UIS 416-6 S	5 3p + N + E	200-415	50-60	6 	10	6.49
UIS 432-6 S		200-415	50-60	6 	10	9.24
UIS 463-6 S		200-415	50-60	6 	2	45.74



UIS 263-6S



UIS 316-6S

For panel mounting

Connectable cable size:














16A: 1-2,5 mm² & 1-4 mm² for solid cable

32A: 2,5-6 mm² & 2,5-10 mm² for solid cable

63A: 6-16 mm² & 6-25 mm² for solid cable

Degree of protection IP44

PANEL MOUNTED SOCKET WITH ANGLED MOUNTING PLATE 16A - 63A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UISV 216-4S	3 2p + E	100-130	50-60	4 	10	12.44
UISV 216-6S		200-250	50-60	6 	10	12.01
UISV 232-4S		100-130	50-60	4 	10	15.62
UISV 232-6S		200-250	50-60	6 	10	14.93
UISV 263-6S		200-250	50-60	6 	2	43.40
UISV 2125-6S		200-250	50-60	6 	2	81.66
UISV 316-6S	4 3p + E	380-415	50-60	6 	10	12.87
UISV 332-6S		380-415	50-60	6 	10	15.76
UISV 3125-6S		380-415	50-60	6 	2	85.53
UISV 416-6S	5 3p + N + E	200-415	50-60	6 	10	14.17
UISV 432-6S		200-415	50-60	6 	10	17.05
UISV 463-6S		200-415	50-60	6 	2	48.22
UISV 4125-6S		200-415	50-60	6 	2	89.56



UIV 232-4S













UISV 263-6S



Watertight socket for panel mounting
Connectable cable size:
16A: 1-2,5 mm² & 1-4 mm² for solid cable
32A: 2,5-6 mm² & 2,5-10 mm² for solid cable.
63A: 6-16 mm² & 6-25 mm² for solid cable
125A: 16-50 mm² & 16-70 mm² for solid cable
Supplied with gasket
Degree of protection IP67

INDUSTRIAL PLUGS AND SOCKETS

PANEL MOUNTED INLET WITH STRAIGHT MOUNTING PLATE 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
II 216-4 S	3 2p+E	100-130	50-60	4 	10	6.01
II 216-6 S		200-250	50-60	6 	10	6.01
II 232-4 S		100-130	50-60	4 	10	8.48
II 232-6 S		200-250	50-60	6 	10	8.72
II 263-6 S	4 3p + E	200-250	50-60	6 	4	25.94
II 316-4 S		100-130	50-60	4 	10	7.3
II 316-6 S		380-415	50-60	6 	10	7.49
II 332-6 S		380-415	50-60	6 	10	9.49
II 416-6 S	5 3p+N+E	200-415	50-60	6 	10	7.49
II 432-6 S		200-415	50-60	6 	10	9.95

For panel mounting
Connectable cable size:

16A: 1,5-4 mm²

32A: 2,5-10 mm²









63A: 6-25 mm²

Degree of protection IP44



II 416-6S

PANEL MOUNTED INLET WATERTIGHT - ANGLED MOUNTING PLATE 63A + 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
IIV 263-4	3 2p + E	100-130	50-60	4 	2	68.14
IIV 263-6		200-250	50-60	6 	2	51.33
IIV 2125-4		100-130	50-60	4 	2	129.47
IISV 2125-6S		200-250	50-60	6 	2	110.59
IIV 363-6	4 3p + E	380-415	50-60	6 	2	59.62
IIV 3125-6		380-415	50-60	6 	2	127.86
IIV 463-6	5 3p + N + E	200-415	50-60	6 	2	61.12
IIV 4125-6		200-415	50-60	6 	2	117.11

Waterproof inlet for panel mounting

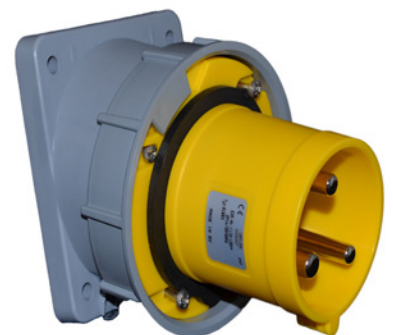
Connectable cable size:

63A: 6-16 mm² and for solid cable 6-25 mm²

125A: 16-50 mm² and for solid cable 16-70 mm²

Supplied with gasket

Degree of protection IP67



IIV 263-4

COMBINATION UNITS 16A - 32A IP44

Interlocked Socket Outlet IP44 16A - 32A

Item	Description	Trade Price
URBB 216-4S	16A 3PIN 110V SOCKET C/W 4MOD IP44	75.20
URBB 216-6S	16A 3PIN 230V SOCKET C/W 4MOD IP44	69.41
URBB 316-6S	16A 4PIN 400V SOCKET C/W 4 MOD IP44	70.64
URBB 416-6S	16A 5PIN 400V SOCKET C/W 4MOD IP44	71.07
URBB 232-4S	32A 3PIN 110V SOCKET C/W 4MOD IP44	84.71
URBB 232-6S	32A 3PIN 230V SOCKET C/W 4MOD IP44	77.27
URBB 332-6S	32A 4PIN 400V SOCKET C/W 4 MOD IP44	77.67
URBB 432-6S	32A 5PIN 400V SOCKET C/W 4MOD IP44	78.09

Interlocked Socket Outlet IP44 16A - 32A













Item	Description	Trade Price
UBB 216-4S	16A 3PIN 110V Switched Socket IP44	62.59
UBB 216-6S	16A 3PIN 230V Switched Socket IP44	59.91
UBB 316-6S	16A 4PIN 400V Switched Socket IP44	70.22
UBB 416-6S	16A 5PIN 400V Switched Socket IP44	71.07
UBB 232-4S	32A 3PIN 110V Switched Socket IP44	63.84
UBB 232-6S	32A 3PIN 220V Switched Socket IP44	62.59
UBB 332-6S	32A 4PIN 400V Switched Socket IP44	66.10
UBB 432-6S	32A 5PIN 400V Switched Socket IP44	85.94

The units facilitate socket protection by RCD.
Enclosure has plenty of wiring space.
Top , bottom or rear entry.
Window for 5 modules.
Connectable Cable Size 1-2.5mm² . Solid cable 2.5-6mm²
Supplied with 3 x cable glands M25.
Degree of protection IP44



INDUSTRIAL PLUGS AND SOCKETS

INTERLOCKED SOCKETS OUTLETS WATERTIGHT 16A - 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
UBC 216-4S	3 2p + E	100-130	50-60	4 	1	85.73
UBC 216-6S		200-250	50-60	6 	1	85.73
UBC 232-4S		100-130	50-60	4 	1	90.07
UBC 232-6S		200-250	50-60	6 	1	90.07
UBV 263-6SI		200-250	50-60	6 	1	248.55
UBC 316-6S	4 3p + E	380-415	50-60	6 	1	87.53
UBC 332-6S		380-415	50-60	6 	1	96.13
UBV 363-6SI		380-415	50-60	6 	1	253.26
UBC 416-6S	5 3p + N + E	230-400	50-60	6 	1	92.20
UBC 432-6S		230-400	50-60	6 	1	104.18
UBV 463-6S		230-400	50-60	6 	1	260.26
UBV 2125-6S	3 2p + E	200-250	50-60	6 	1	1,328.13
UBV 4125-6S	5 3p + N + E	200-415	50-60		1	1,423.48



UBV 263-6SI



UBV 3125-6













Watertight socket for wall mounting with cable connection from top & bottom
Connectable cable size:

- 16A: 1-2,5 mm² and for solid cable 1-4 mm²
- 32A: 2,5-6 mm² and for solid cable 2,5-10 mm²
- 63A: 6-16 mm² and for solid cable 6-25 mm²
- 125A: 50 mm²

Degree of protection IP67

INDUSTRIAL PLUGS AND SOCKETS

INTERLOCKED COMBINATION UNITS WATERTIGHT 16A - 125A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
16A						
URBBV 216-4S	3	5	100-130	4 	1	131.48
URBBV 216-6S	2p + E	5	200-250	6 	1	131.48
URBBV 316-6S	4 3p + E	5	380-415	6 	1	134.72
URBBV 416-4S	5	5	100-130	4 	1	139.02
URBBV 416-6S	3p + N + E	5	200-415	6 	1	135.64
32A						
URBBV 232-4S	3	5	100-130	4 	1	192.78
URBBV 232-6S	2p + E	5	200-250	6 	1	197.62
URBBV 332-6S	4 3p + E	5	380-415	6 	1	205.14
URBBV 432-6S	5 3p + N + E	5	200-415	6 	1	211.34
63A						
URBBV 263-6S	3 2p + E	7	200-250	6 	1	395.04
URBBV 363-6S	4 3p + E	7	380-415	6 	1	399.65
URBBV 463-6S	5 3p + N + E	7	200-415	6 	1	405.86












URBBV 363-6S

RCCB 10kA Type A

Item	Rated (A)	Modules	Poles	mA	Max cable size mm ²	Trade Price
GCD 25-2-03	25	2	2	30	25	43.28
GCD 40-2-03	40	2	2	30	25	39.76
GCD 63-2-03	63	2	2	30	25	47.79
GCD 40-4-03	40	4	4	30	25	74.96
GCD 63-4-03	63	4	4	30	25	96.59



INTERLOCKED COMBINATION UNITS WATERTIGHT 16A - 63A IP67 Complete with RCCB

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
16A IP67						
URBBV 216-6SCR	2p+E	200-250	5	6 	1	186.44
URBBV 316-6SCR	4 3p + E	380-415	5	6 	1	224.54
URBBV 416-6SCR	3p + N + E	200-415	5	6 	1	225.47
32A IP67						
URBBV 232-6SCR	2p+E	200-250	5	6 	1	245.09
URBBV 332-6SCR	4 3p + E	380-415	5	6 	1	285.50
URBBV 432-6SCR	5 3p+N+E	200-415	5	6 	1	291.69
63A IP67						
URBBV 263-6SCR	3 2p + E	200-250	7	6 	1	448.96
URBBV 363-6SCR	4 3p + E	380-415	7	6 	1	499.67
URBBV 463-6SCR		200-415	7	6 	1	505.87

The Entertainment Range



PRO SCENE PLUGS & COUPLERS Type 16A & 32A IP44

The GARO PRO Invisible range is the perfect solution for when you need to power up without the visual clutter. Our range of plugs, couplers, and connectors ensure discreet power you can trust.

Features:

- Discreet power for all your needs
- Plugs, couplers, and connectors for all applications
- Screw type simple connect for an easy install
- High-quality design for dependability and trust
- Invisible electric range with premium quality

Connectable cable size:

16A: 1-2,5 mm²

32A: 2,5-6 mm²

Degree of Protection IP44



S 216-6 S - B



P 316 - 6 S - B

PRO SCENE PLUGS & COUPLERS Type 16A & 32A IP67 WATERTIGHT

Connectable cable size:

63A: 6-16 mm²

125A: 16-50 mm²

Degree of protection IP67



S 4125 - 6 S-B



P 4125 6 S-B

PRO SCENE PLUGS & COUPLERS Type 16A & 32A IP44

Item	Poles	Operating Voltage	Frequency Hz	Package size	Trade Price
16 A					
P 216-6 S-B	3- 2p+E	200-250	50-60	10	5.75
P 316-6 S-B	4- 3p+E	380-415	50-60	10	7.83
P 416-6 S-B	5- 3p+N+P	200-415	50-60	10	7.95
32 A					
P 232-6 S-B	3- 2p+E	200-250	50-60	10	10.6
P 332-6 S-B	4- 3p+E	380-415	50-60	10	11.56
P 432-6 S-B	5- 3p+N+P	200-415	50-60	10	11.95
16 A					
S 216-6 S-B	3- 2p+E	200-250	50-60	10	8.15
S 316-6 S-B	4- 3p+E	380-415	50-60	10	10.86
S 416-6 S-B	5- 3p+N+P	200-415	50-60	10	11.90
32 A					
S 232-6 S-B	3- 2p+E	200-250	50-60	10	13.89
S 332-6 S-B	4- 3p+E	380-415	50-60	10	14.56
S 432-6 S-B	5- 3p+N+P	200-415	50-60	10	15.55



PRO SCENE PLUGS & COUPLERS Type 16A & 32A IP67 WATERTIGHT

Item	Poles	Operating Voltage	Frequency Hz	Package size	Trade Price
------	-------	-------------------	--------------	--------------	-------------

63 A

P 263-6 S-B	3- 2p+E	200-250	50-60	2	52.31
P 363-6 S-B	4- 3p+E	380-415	50-60	2	53.88
P 463-6 S-B	5- 3p+N+P	200-415	50-60	2	60.79

125 A

P 2125-6 S-B	3- 2p+E	200-250	50-60	2	120.49
P 3125-6 S-B	4- 3p+E	380-415	50-60	2	126.82
P 4125-6 S-B	5- 3p+N+P	200-415	50-60	2	139.51

Item	Poles	Operating Voltage	Frequency Hz	Package size	Trade Price
------	-------	-------------------	--------------	--------------	-------------

63 A

S 263-6 S-B	3- 2p+E	200-250	50-60	2	63.96
S 363-6 S-B	4- 3p+E	380-415	50-60	2	66.06
S 463-6 S-B	5- 3p+N+P	200-415	50-60	2	72.93



INDUSTRIAL

Solutions that drive success

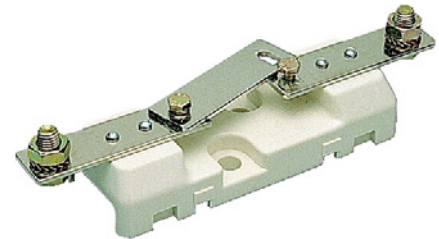
Key Features

- ✓ Training and workshops available
- ✓ Extensive range of Industrial Products
- ✓ On hand Technical Support
- ✓ Premium Products

POWER TERMINALS & BUSBAR CLAMPS

Neutral & Earth Disconnectable Power Terminals

Type	Description	Cable mm ²	Trade Price
NB16 0000	Disconnectable Terminal 160A	35	75.02
NB25 0000	Disconnectable Terminal 250A	70	88.24
NB40 0000	Disconnectable Terminal 400A	185	108.81
NB63 0000	Disconnectable Terminal 630A	240	171.31



NB25 0000



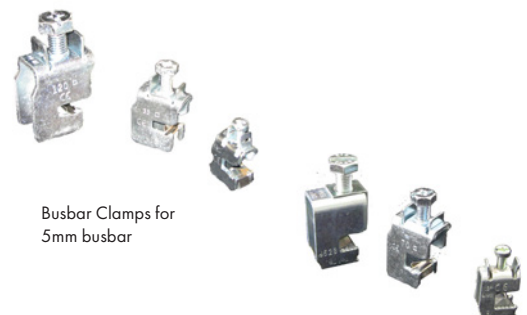
4501 0003

Power Terminals

Type	Description	Cable mm ²	Trade Price
4501 0003	Power Terminal 250Amp	3	88.59
4501 1003	Terminal Screen 250Amp	3	88.59
4501 0004	Power Terminal 250Amp	4	87.27
4501 1004	Terminal Screen 250Amp	4	79.59
4502 0003	Power Terminal 630Amp	3	90.56
4502 1003	Terminal Screen 630 Amp	3	70.27
4502 0004	Power Terminal 630Amp	4	150.36
4502 1004	Terminal Screen 630 Amp	4	79.59

Busbar Clamps

Type	Description	Cable mm ²	Trade Price
SK16F5	16mm Busbar Clamp	5mm	2.00
SK35F5	35mm Busbar Clamp	5mm	3.21
SK70F5	70mm Busbar Clamp	5mm	8.35
SK120F5	120mm Busbar Clamp	5mm	8.94
SK16F10	16mm Busbar Clamp	10mm	3.38
SK35F10	35mm Busbar Clamp	10mm	7.21
SK70F10	70mm Busbar Clamp	10mm	8.74
SK120F10	120mm Busbar Clamp	10mm	8.94



Busbar Clamps for 5mm busbar

Busbar Clamps for 10mm busbar

AIR CIRCUIT BREAKERS

Our “Double Break” ACBs, have two breaking contacts per phase and are rated from 800A to 3200A. The unique pole structure means that the short time withstand rating (I_{cw}, 1sec) is equal to the service short-circuit breaking capacity (I_{cs}) for all models.

Full selectivity is guaranteed up to the full system fault level.

Air Circuit Breakers

Item	Rating (A)	Type	Capacity	Trip	Shunt	Closing	Motor	ATS Control	Trade Price
GAR 208S	800A	Fixed	60kA	Standard			Optional		4,286.49
GAR 212S	1250A	Fixed	60kA	Standard			Optional		4,563.91
GAR 216S	1600A	Fixed	60kA	Standard			Optional		4,764.47
GAR 220S	2000A	Fixed	60kA	Standard			Optional		5,589.92
GAR 325S	2500A	Fixed	60kA	Standard			Optional		7,315.54
GAR 332S	3200A	Fixed	60kA	Standard			Optional		8,005.55



A full range of Withdrawable Air Circuit Breakers is also available

AIR CIRCUIT BREAKER ACCESSORIES

The double insulated design ensures that most accessories can be safely and easily, installed by the user. Control, auxiliary and position switch terminals are mounted at the front on the ACB body for easy access. Horizontal, vertical and front terminal connections, can also be changed by the user for any last minute alterations. Due to the increased level of harmonics within the distribution network, the neutral phase is fully rated as standard.

Accessories for Air Circuit Breakers



Closing Coils

Item	Description	Rating (A)	Trade Price
116 103 108	ACB Motor Driver	800 - 2000	612.30
116 104 108	ACB Closing Coil	800 - 2000	162.49
116 106 114	ACB Shunt	800 - 2000	206.48
116 411 109	ACB Interlock Cable	800 - 2000	150.04
116 425 001	ACB IP20 Door Frame	800 - 2000	123.34

Accessories to be factory fitted when ordering ACB's.

MOULDED CASE CIRCUIT BREAKERS

GARO MCCB 16kA

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GE160 SF40	40	3	16	Fixed	Fixed	93.80
GE160 SF63	63	3	16	Fixed	Fixed	93.80
GE160 SF80	80	3	16	Fixed	Fixed	93.80
GE160 SF100	100	3	16	Fixed	Fixed	93.80
GE160 SF125	125	3	16	Fixed	Fixed	93.80
GE160 SF160	160	3	16	Fixed	Fixed	145.16



GE160 SF80

GARO MCCB 16kA Accessories



GS160 AUX

Item	Description	Trade Price
GS160 ADAPTOR	Din rail Adaptor 160AF	11.04
GS160 AUX	GS160 and GS250 Auxiliary Switch	21.54
GS160 BARRIER	GS160 and GS250 inter pole Phase Barrier	2.53
GS160 S1 HANDLE	GS160 External Handle Type S1	91.05
GS160 LOCK	GS160 Locking Device for Handle	11.76
GS160 SHROUD	GS160 Terminal Shroud	9.91
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	54.98
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	81.05
GS160BAR	GE160 Spreader Bars (not suitable for GS160)	17.66

GARO MCCB 25kA

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GS160 SCJ25	25	3	25	0.63	Fixed	180.55
GS160 SCJ40	40	3	25	0.63	Fixed	180.55
GS160 SCJ63	63	3	25	0.63	Fixed	180.55
GS160 SCJ80	80	3	25	0.63	Fixed	180.55
GS160 SCJ100	100	3	25	0.63	Fixed	180.55
GS160 SCJ125	125	3	25	0.63	Fixed	194.92
GS160 SCJ160	160	3	25	0.63	Fixed	253.97



GS160 SCJ100

GARO MCCB 25kA Accessories



GS160 LOCK

Item	Description	Trade Price
GS160 ADAPTOR	Din rail Adaptor 160AF	11.04
GS160 AUX	GS160 and GS250 Auxiliary Switch	21.54
GS160 BARRIER	GS160 and GS250 inter pole Phase Barrier	2.53
GS160 S1 HANDLE	GS160 External Handle Type S1	91.05
GS160 LOCK	GS160 Locking Device for Handle	11.76
GS160 SHROUD	GS160 Terminal Shroud	9.91
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	54.98
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	81.05

MOULDED CASE CIRCUIT BREAKERS

GARO MCCB 40kA

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GS160 SJ63	63	3	40	0.63	Fixed	201.09
GS160 SJ80	80	3	40	0.63	Fixed	201.09
GS160 SJ100	100	3	40	0.63	Fixed	201.09
GS160 SJ125	125	3	40	0.63	Fixed	235.23
GS160 SJ160	160	3	40	0.63	Fixed	306.88
GS250 SJ200	200	3	40	0.63	1 - 10	316.16
GS250 SJ250	250	3	40	0.63	1 - 10	335.27
GS 400 NJ	400	3	50	0.63	1 - 10	771.28



GS160 SJ80



GS250 S1 HANDLE

GARO MCCB 40kA Accessories

Item	Description	Trade Price
GS160 AUX	GS160 and GS250 Auxiliary Switch	21.54
GS160 LOCK	GS160 Locking Device for Handle	11.76
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	54.98
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	81.05
GS250 BAR	GS250 set of 3 Spreader Bars	20.08
GS250 S1 HANDLE	GS250 External Handle Type S1	130.71
GS250 SHROUD	GS250 Terminal Shroud	25.97
GS160ADAPTOR	Din Rail Adapter 160AF	11.04
GS160S1HANDLE	GS160 External Handle S000 Type	91.05

GARO 250A - 630A ELECTRONIC BREAKERS

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GS250 GE250	250	3	65	.40	1 - 10	734.24
GS400 NE	400	3	50	.40	1 - 10	882.30
GS630 CE	630	3	50	.40	1 - 10	1,433.68



MOULDED CASE CIRCUIT BREAKERS

GARO Electronic Accessories

Item	Description	Trade Price
GS250 BAR	GS250 set of 3 Spreader Bars	20.08
GS250 S1 HANDLE	GS250 External Handle Type S1	130.71
GS250 SHROUD	GS250 Terminal Shroud	25.97
GS250 GE BAR	GE250 Electronic MCCB Spreaders	20.09
GS250 GE S1 HANDLE	GE250 Electronic MCCB Handle	76.41
GS250 GE SHROUD	GE250 Terminal Shroud	25.11
GS250 GE UVT	250A Electronic MCCB Undervoltage	83.47
GS400 AUX	GS400 and GS630 Auxiliary Switch	21.19
GS400 BAR	GS400 set of 3 Spreader Bars	26.94
GS400 BARRIER	GS400 and GS630 inter pole Phase Barrier	4.29
GS400 S2 HANDLE	GS400 and GS630 External Handle Type S2	111.11
GS400 SHROUD	GS400 and GS630 Terminal Shroud	40.77
GS400 SHUNT	GE250 GS400 GS630 Shunt Trip 230V	56.64
GS400 UVT	GS400 and GS630 Under Voltage Trip 250V AC	83.47
GS630 BAR	GS630 set of 3 Spreader Bars	44.54



GS400 UVT



GS800 NE

GARO 800A - 1000A Electronic Breakers

Item	Rating (A)	Rating (kA)	Trade Price
GS800 NE	800	50	2,055.64
GS1000 NE	1000	50	2,553.50

GARO 800A - 1000A Accessories

Item	Description	Trade Price
GS800 BAR	GS800 set of 3 spreader bars	127.86
GS800 BARRIER	GS800 and GS1000 inter pole Phase Barrier	4.69
GS800 INTERLOCK	800A - 1000A Mechanical Interlock	364.41
GS800 S2 HANDLE	800A - 1000A MCCB External Handle	235.41
GS800 SHROUD	GS800 Terminal Shroud	57.05
GS800 SHUNT	800A - 1000A MCCB Shunt	49.28
GS800 UVT	800A - 1000A MCCB Under Voltage	96.30

POWER CONTACTORS

Magnetic Contactors (230V coil)

Item	AC21	AC23	AC23 (kW) 380V	Poles	Trade Price
MC-9A	25	9	4	3	19.62
MC-12B	25	12	5.5	3	21.73
MC-18B	40	18	7.5	3	27.85
MC-22B	40	22	9	3	30.92
MC-32A	50	32	15	3	44.94
MC-65A	100	65	30	3	109.75
MC-75A	110	75	37	3	119.86
MC-85A	135	85	45	3	127.80
MC-100A	135	100	50	3	226.03
MC-130A	150	130	60	3	294.30
MC-150A	200	150	75	3	320.02
MC-185A	230	185	90	3	415.20
MC-225A	260	225	130	3	490.37
MC-265A	280	265	145	3	707.04
MC-330A	350	330	160	3	744.31
MC-400A	420	400	220	3	877.40



MC-32A

Accessories

Item	Description	Type	Function	Trade Price
UA-1	Auxiliary Contact side mount	MC-9A - MC-150A	1 NO - 1 NC	8.52
UA- 4	Auxiliary Contact front mount	MC-9A - MC-150A	2NO - 2NC	10.51
UR-02	Mechanical Interlock	MC-9A - MC-150A		22.99
AR-180	Mechanical Interlock	MC-185A - MC-400A		69.96
AR-600	Mechanical Interlock	MC-500A - MC-800A		661.37



UA-4



ATyS M AUTOMATIC TRANSFER SWITCH

ATyS d M - Motorised Transfer Switch for use with SEPARATE CONTROL CIRCUIT

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9323 2004	40	2	d M	40	40	230 volt	1,027.11
9323 2006	63	2	d M	63	63	230 volt	1,101.20
9323 2008	80	2	d M	80	80	230 volt	1,168.79
9323 2010	100	2	d M	100	100	230 volt	1,253.37
9323 2012	125	2	d M	125	125	230 volt	1,320.91
9323 2016	160	2	d M	160	160	230 volt	1,608.85
9323 4004	40	4	d M	40	40	230 volt	1,198.24
9323 4006	63	4	d M	63	63	230 volt	1,229.03
9323 4008	80	4	d M	80	80	230 volt	1,304.67
9323 4010	100	4	d M	100	100	230 volt	1,399.16
9323 4012	125	4	d M	125	125	230 volt	1,474.80
9323 4016	160	4	d M	160	160	230 volt	1,796.32



ATyS d M

ATyS g M - Motorised & Automatic Simplified Transfer Switch with INTERNAL AMATIC TRANSFER

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9353 2004	40	2	g M	40	40	230 volt	1,586.87
9353 2006	63	2	g M	63	63	230 volt	1,640.34
9353 2008	80	2	g M	80	80	230 volt	1,711.62
9353 2010	100	2	g M	100	100	230 volt	1,800.77
9353 2012	125	2	g M	125	125	230 volt	1,854.26
9353 2016	160	2	g M	160	160	230 volt	2,112.70
9354 4004	40	4	g M	40	40	230 volt	1,749.22
9354 4006	63	4	g M	63	63	230 volt	1,772.78
9354 4008	80	4	g M	80	80	230 volt	1,986.72
9354 4010	100	4	g M	100	100	230 volt	2,231.25
9354 4012	125	4	g M	125	125	230 volt	2,414.66
9354 4016	160	4	g M	160	160	230 volt	2,781.41



ATyS t M - Motorised & Automatic Electronic Transfer Switch with INTERNAL

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9344 4004	40	4	t M	40	40	230 volt	1,717.17
9344 4006	63	4	t M	63	63	230 volt	1,734.66
9344 4008	80	4	t M	80	80	230 volt	1,944.01
9344 4010	100	4	t M	100	100	230 volt	2,183.30
9344 4012	125	4	t M	125	125	230 volt	2,362.75
9344 4016	160	4	t M	160	160	230 volt	2,721.65

ATyS g M & ATyS t M

ATyS M AFrame ATIC TRANSFER SWITCH

ATyS p M - Motorised & Automatic Electronic Transfer Switches

with INTERNAL AUTOMATIC TRANSFER CONTROLLER keypad and LCD display facilitate additional programming and functions

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9364 4006	63	4	pM	63	63	230 volt	2,856.03
9364 4008	80	4	pM	80	80	230 volt	3,190.51
9364 4010	100	4	pM	100	100	230 volt	3,506.00
9364 4012	125	4	pM	125	125	230 volt	3,781.67
9364 4016	160	4	pM	160	160	230 volt	4,510.35

ATyS p M - Complete with RS485

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9384 4006	63	4	pM	63	63	230 volt	3,170.19
9384 4008	80	4	pM	80	80	230 volt	3,430.34
9384 4010	100	4	pM	100	100	230 volt	3,901.13
9384 4012	125	4	pM	125	125	230 volt	4,230.68
9384 4016	160	4	pM	160	160	230 volt	4,915.37



ATyS p M

ATyS M Bridging Bars

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Trade Price
1309 2006	63 - 125	2	ATyS M	125	125	123.12
1309 2016	160	2	ATyS M	160	160	201.42
1309 4006	63 - 125	4	ATyS M	125	125	214.87
1309 4016	160	4	ATyS M	160	160	322.31



Bridging Bars

ATyS M Accessories

Item	Item	Rating (A)	Poles	Trade Price
2294 4016	Shroud	63 - 160	4	36.56
1399 4006	Voltage Tap	63 - 160	2	85.96
1309 1001	Auxiliary Contacts	63 - 160		182.66
1359 0000	Sealed Cover	63 - 160	4	188.18
1399 4017	Terminal Extension			173.05
9599 2010	D10 Interface PM	63 - 160		316.62
9599 2020	D20 Interface PM	63 - 160		492.01
1599 2009	3mtr. RJ45 Cable			20.85



9599 2020

ATyS M MOTORISED & AUTOMATIC TRANSFER SWITCH

ATyS r Motorised Transfer Switches 3 Pole

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9523 3016	160	3	r	160	160	230 volt	2,125.08
9523 3025	250	3	r	250	250	230 volt	2,513.58
9523 3040	400	3	r	400	400	230 volt	3,421.24
9523 3063	630	3	r	630	630	230 volt	4,340.74
9523 3080	800	3	r	800	800	230 volt	6,361.49
9523 3100	1000	3	r	1000	1000	230 volt	7,459.44
9523 3120	1250	3	r	1250	1250	230 volt	7,774.18
9523 3160	1600	3	r	1600	1600	230 volt	11,033.72



ATyS r

ATyS p Automatic Transfer Switches 3 Pole

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9573 3016	160	3	p	160	160	230 volt	4,333.94
9573 3025	250	3	p	250	250	230 volt	4,923.71
9573 3040	400	3	p	400	400	230 volt	6,165.81
9573 3063	630	3	p	630	630	230 volt	8,221.01
9573 3080	800	3	p	800	800	230 volt	10,544.41
9573 3100	1000	3	p	1000	1000	230 volt	10,812.44
9573 3120	1250	3	p	1250	1250	230 volt	12,197.56
9573 3160	1600	3	p	1600	1250	230 volt	15,021.29
9573 3200	2000	3	p	2000	1600	230 volt	17,944.83
9573 3250	2500	3	p	2500	1600	230 volt	23,564.40
9573 3320	3200	3	p	3200	1600	230 volt	27,178.82

ATyS p Automatic Transfer Switches 4 Pole

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9573 4012	125	4	p	125	125	230 volt	3,809.76
9573 4016	160	4	p	160	160	230 volt	4,416.49
9573 4025	250	4	p	250	250	230 volt	5,042.68
9573 4040	400	4	p	400	400	230 volt	6,334.77
9573 4063	630	4	p	630	630	230 volt	8,476.08
9573 4080	800	4	p	800	800	230 volt	10,885.08
9573 4100	1000	4	p	1000	1000	230 volt	11,331.20
9573 4120	1250	4	p	1250	1250	230 volt	12,803.36
9573 4160	1600	4	p	1600	1250	230 volt	15,711.96
9573 4200	2000	4	p	2000	1600	230 volt	18,209.29
9573 4250	2500	4	p	2500	1600	230 volt	24,216.10
9573 4320	3200	4	p	3200	1600	230 volt	28,171.33

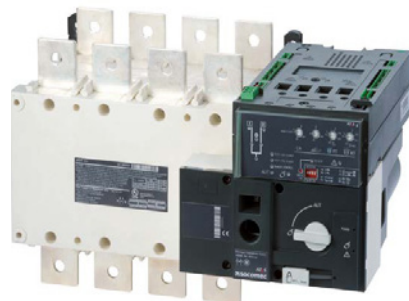


ATyS p

ATyS M MOTORISED & AUTOMATIC TRANSFER SWITCH

ATyS g Automatic Transfer Switches 3 Pole

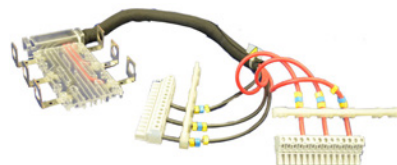
Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
9553 3012	125	3	g	125	3,148.61
9553 3016	160	3	g	160	3,522.23
9553 3025	250	3	g	250	4,072.47
9553 3040	400	3	g	400	5,105.02
9553 3063	630	3	g	630	6,303.99
9553 3080	800	3	g	800	7,168.80
9553 3100	1000	3	g	1000	9,086.10
9553 3120	1250	3	g	1250	9,244.40



ATyS g

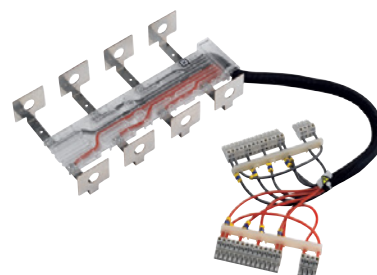
ATyS Voltage Sensing Kit 3 pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
1559 3012	125 - 160	3	g-p	230 volt	200.44
1559 3025	250	3	g-p	230 volt	200.44
1559 3040	400	3	g-p	230 volt	200.44
1559 3063	630	3	g-p	230 volt	200.44
1559 3080	800 - 1000	3	g-p	230 volt	380.84
1559 3120	1250	3	g-p	230 volt	380.84
1559 3160	1600	3	g-p	230 volt	380.84
1599 3200	2000 - 3200	3	g-p	230 volt	346.22



ATyS Voltage Sensing Kit 4 pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
1559 4012	125 - 160	4	g-p	230 volt	200.44
1559 4025	250	4	g-p	230 volt	200.44
1559 4040	400	4	g-p	230 volt	200.44
1559 4063	630	4	g-p	230 volt	200.44
1559 4080	800 - 1000	4	g-p	230 volt	380.84
1559 4120	1250	4	g-p	230 volt	380.84
1559 4160	1600	4	g-p	230 volt	380.84
1599 4200	2000 - 3200	4	g-p	230 volt	346.22



ATyS Bridging Bars 1 Pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
4109 0019	125 - 160	1	s-g-p	125	31.72
4109 0025	250	1	s-g-p	250	32.98
4109 0039	400	1	s-g-p	400	41.73
4109 0063	630	1	s-g-p	630	56.91
4109 0080	800 - 1000	1	s-g-p	800 - 1000	78.81
4109 0120	1250	1	s-g-p	1250	124.08
4109 0160	1600	1	s-g-p	1600	199.26



Bridging Bars

ATyS M MOTORISED & AUTOMATIC TRANSFER SWITCH

ATyS Terminal Screen

Item	Rating (A)	Poles	Frame	Position	Trade Price
1509 4012	125	4	Screen	Top - Bottom	62.64
1509 3025	250 - 400	3	Screen	Top - Bottom	78.57
1509 4025	250 - 400	4	Screen	Top - Bottom	74.18
1509 3063	500 - 630	3	Screen	Top - Bottom	154.31
1509 4063	500 - 630	4	Screen	Top - Bottom	171.32
1509 3080	800 - 1250	3	Screen	Top - Bottom	159.68
1509 4080	800 - 1250	4	Screen	Top - Bottom	105.99
1509 3160	1600	3	Screen	Top - Bottom	184.22
1509 4160	1600	4	Screen	Top - Bottom	184.16
1509 3200	2000 - 3200	3	Screen	Top - Bottom	175.02
1509 4200	2000 - 3200	4	Screen	Top - Bottom	176.07



1509 3025

Item	Rating (A)	Poles	Frame	Function	Trade Price
4825 0092	125 - 3200	3 & 4	p	RS485 Module	320.88
15992001	125 - 3200	3 & 4	p	2 input - 2 output	205.04
4825 0203	125 - 3200			Ethernet Module	666.07



1599 2001

ATyS Door Protective Surround

Item	Rating (A)	Poles	Frame	Function	Trade Price
1539 0012	125 - 630	3 & 4	p-g	Door Surround	101.77
1539 0080	800 - 3200	3 & 4	p-g	Door Surround	101.77



1529 0080

ATyS Interface Units

Item	Rating (A)	Poles	Frame	Function	Trade Price
9599 2010	125 - 3200	3 & 4	p-g	Remote Display D10	316.62
9599 2020	125 - 3200	3 & 4	p	Remote Display D20	492.01
1599 2009				3mtr. RJ45 Cable	20.85



9599 2020

ATyS Control Relays

Item	Function	Trade Price
1600 0025	ATyS C25 Controller for Switch or Contactor	631.71
1600 0035	ATyS C35 Controller for Switch, Contactor or Breaker	866.13
1600 0055	ATyS C55 Controller for Switch, Contactor or Breaker	1,296.85
1600 0065	ATyS Advanced C65 Controller for Switch, Contactor or Breaker	1,937.43



AUTO TRANSFER - ENCLOSED IP55

AUTOMATIC TRANSFER SWITCH in IP55 ENCLOSURE

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
TS240 IP55	40	2	55	300	400	200	1,770.06
TS260 IP55	60	2	55	300	400	200	1,820.15
TS280 IP55	80	2	55	300	400	200	1,883.59
TS2100 IP55	100	2	55	300	400	200	1,970.44
TS2125 IP55	125	2	55	300	400	200	2,012.16
TS2160 IP55	160	2	55	300	400	200	2,321.12
TS440 IP55	40	4	55	400	400	200	1,957.09
TS460 IP55	60	4	55	400	400	200	1,987.12
TS480 IP55	80	4	55	400	400	200	2,174.15
TS4100 IP55	100	4	55	400	400	200	2,397.94
TS4125 IP55	125	4	55	400	400	200	2,561.57
TS4160 IP55	160	4	55	400	400	200	2,970.70



TS4400IP55

AUTOMATIC TRANSFER SWITCH in IP55 ENCLOSURE

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
TS3250 IP55	250	3	55	400	600	300	4,735.74
TS3400 IP55	400	3	55	400	600	300	5,781.06
TS3630 IP55	630	3	55	600	800	400	9,050.64
TS3800 IP55	800	3	55				11,431.90
TS31000 IP55	1000	3	55				13,502.53
TS31250 IP55	1250	3	55				14,784.99
TS4400 IP55	400	4	55	400	600	300	6,135.08
TS4630 IP55	630	4	55	600	800	400	9,309.51
TS4800 IP55	800	4	55				11,792.59
TS41000 IP55	1000	4	55				13,985.13
TS41250 IP55	1250	4	55				15,362.77

SIRCO M ISOLATING SWITCHES

SIRCO M Switches

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
2200 3001	20	3	M1	20	20	9	28.13
2200 3003	32	3	M1	32	32	15	36.68
2200 3004	40	3	M1	40	40	18.5	38.78
2200 3006	63	3	M2	63	63	30	46.61
2200 3008	80	3	M2	80	80	37	59.34
2200 3009	100	3	M2	100	100		79.53
2200 3010	100	3	M3	100	100	45	84.98
2200 3011	125	3	M3	125	125	55	99.00



SIRCO M



SIRCO MV

SIRCO MV Switches

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
2200 3012	125	3	MV	125	125	55	118.89
2200 4012	125	4	MV	125	125	55	151.98
2200 3016	160	3	MV	160	160	75	145.34
2200 4016	160	4	MV	160	160	75	193.20

SIRCO M Additional Modules

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
2200 5005	20 - 40	Unswitched	M1	40	40	18.5	11.90
2200 5009	63 - 80	Unswitched	M2	80	80	37	14.25
2200 5011	100 - 125	Unswitched	M3	125	125	55	25.96
2200 1004	20 - 40	Switched	M1	40	40	18.5	12.79
2200 1008	63 - 80	Switched	M2	80	80	37	17.95
2200 1011	100 - 125	Switched	M3	125	125	55	28.72
2200 9005	20 - 40	Earth	M1	40	40	18.5	11.90
2200 9009	63 - 80	Earth	M2	80	80	37	17.34



Additional Module



Aux Contact

SIRCO M - MV Auxiliary Contacts

Item	Rating (A)	Modules	Frame	AC21 (A)	Contact	Trade Price
2299 0001	20 - 125	Auxiliary	Frame M	10	NO + NC	17.65
2299 0011	20 - 125	Auxiliary	Frame M	10	2NO	17.65
3999 0701	20 - 125	Auxiliary	Frame U	10	NC	24.02
3999 0702	20 - 125	Auxiliary	Frame U	10	NO	20.50

MV Direct Handle

SIRCO M - MV Direct Handle

Item	Rating (A)	Poles	Frame	Colour	Handle	Trade Price
2299 5012	20 - 80	3&4	M1-M2	Blue	M00	2.52
2299 5032	100 - 125	3&4	M3	Blue	M01	4.04
2299 5022	125 - 160	3&4	MV	Blue	M0	7.25



SIRCO M SWITCH

SIRCO M - MV External Handle

Item	Rating (A)	Poles	Frame	Colour	Handle	IP Rating	Trade Price
1403 2111	20 - 125	3&4	M1-M3	Black	S01	65	43.40
1473 1111	20 - 80	3&4	M1-M2	Black	S00	65	8.91
1483 1111	100 - 125	3&4	M3	Black	S0	65	14.30
1493 0111	125 - 160	3&4	MV	Black	S0	65	14.30
1411 2111	125 - 160	3&4	MV	Black	S1	65	35.45
1473 1113	20 - 80	3&4	M1-M2	Black	Changeover	65	9.90



MV External Handle

SIRCO M - MV Shaft Extensions

Item	Rating (A)	Poles	Frame	Length	Handle	Trade Price
1407 0520	20 - 125	3&4	M1 - M3	200mm	S00	5.82
1407 0532	20 - 125	3&4	M1 - M3	320mm	S00	8.86
1409 0620	125 - 160	3&4	MV	200mm	S0	12.64
1409 0632	125 - 160	3&4	MV	320mm	S0	19.41
1401 0620	125 - 160	3&4	MV	200mm	S1	16.20
1401 0632	125 - 160	3&4	MV	320mm	S1	26.19
1404 0520	20 - 125	3&4	M1 - M3	200mm	S01	12.11
1404 0532	20 - 125	3&4	M1 - M3	320mm	S01	18.34
1404 0540	20 - 125	3&4	M1 - M3	400mm	S01	22.22
1429 0000	Extension Shaft Guide					10.33



Shaft Extension

SIRCO M Conversion Kit

Item	Rating (A)	Poles	Frame	Feature	Switching	Trade Price
2209 6009	20 - 80	3&4	M1 - M2	Changeover	I - 0 - II	33.90
2269 6009	20 - 80	3&4	M1 - M2	6 - 8 Pole	0 - I	36.88
2209 6011	100 - 125	3&4	M3	Changeover	I - 0 - II	146.60
2269 6011	100 - 125	3&4	M3	6 - 8 Pole	0 - I	118.60
2299 6009	20 - 80	3&4	M1 - M2	Changeover	I - I+II - II	43.29
2299 6011	100 - 125	3&4	M3	Changeover	I - I+II - II	178.45



Conversion Kit

SIRCO M Door Mounting Kit

22993309	20 - 80	3&4	M1 - M2	Door Mount	8.86
----------	---------	-----	---------	------------	------

SIRCO M - MV Terminal Shrouds

Item	Rating (A)	Poles	Frame	Position	P Rating	Trade Price
2294 3005	20 - 40	3	M1	Top-Bottom	20	12.78
2294 1005	20 - 40	1	M1	Top-Bottom	20	5.82
2294 3009	63 - 80	3	M2	Top-Bottom	20	17.40
2294 1009	63 - 80	1	M2	Top-Bottom	20	5.82
2294 3016	100 - 160	3	M3 - MV	Top-Bottom	20	25.48
2294 1011	100 - 125	1	M3	Top-Bottom	20	8.28
2294 4016	125 - 160	4	MV	Top-Bottom	20	36.56



Terminal Shrouds

SIRCO LOAD BREAK SWITCHES

SIRCO Load Break Switches 3 Pole

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 (kW)	Trade Price
2600 3014	125	3	SIRCO	125	125	63	140.53
2600 3017	160	3	SIRCO	160	160	80	155.90
2600 3021	200	3	SIRCO	200	200	100	225.69
2600 3026	250	3	SIRCO	250	250	132	251.94
2600 3032	315	3	SIRCO	315	315	160	309.59
2600 3039	400 CD	3	SIRCO	400	315	160	322.84
2600 3041	400	3	SIRCO	400	400	220	322.84
2600 3051	500	3	SIRCO	500	500	280	409.27
2600 3064	630	3	SIRCO	630	500	280	919.38
2600 3081	800	3	SIRCO	800	800	450	1,066.00
2600 3099	1000	3	SIRCO	1000	1000	560	1,326.88
2600 3119	1250 CD	3	SIRCO	1250	1250	710	1,543.47
2600 3121	1250	3	SIRCO	1250	1250	710	1,762.41
2600 3161	1600	3	SIRCO	1600	1250	710	2,834.73
2600 3180	1800	3	SIRCO	1800	1250	710	2897.01
2600 3200	2000	3	SIRCO	2000	1600	710	2,908.41
2600 3210	2000	3	SIRCO	2000	1600	710	2644.02
2600 3260	2500	3	SIRCO	2500	1600	710	4477.28
2600 3310	3200	3	SIRCO	3200	1600	710	6124.04
2600 3401	4000	3	SIRCO	4000	1600	710	17,546.54
2600 3500	5000	3	SIRCO	5000	1600	710	21,927.56



2600 3180

SIRCO Load Break Switches 4 Pole

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 (kW)	Trade Price
2600 4014	125	4	SIRCO	125	125	63	147.42
2600 4017	160	4	SIRCO	160	160	80	178.69
2600 4021	200	4	SIRCO	200	200	100	257.07
2600 4026	250	4	SIRCO	250	250	132	316.77
2600 4032	315	4	SIRCO	315	315	160	378.25
2600 4039	400 CD	4	SIRCO	400	315	160	394.32
2600 4041	400	4	SIRCO	400	400	220	433.08
2600 4051	500	4	SIRCO	500	500	280	597.21
2600 4064	630	4	SIRCO	630	500	280	996.42
2600 4081	800	4	SIRCO	800	800	450	1,184.13
2600 4099	1000	4	SIRCO	1000	1000	560	1,538.16
2600 4119	1250 CD	4	SIRCO	1250	1250	710	1,777.86
2600 4120	1250	4	SIRCO	1250	1250	710	2,210.55
2600 4160	1600	4	SIRCO	1600	1250	710	2,993.54
2600 4180	1800	4	SIRCO	1800	1250	710	3230.66
2600 4210	2000	4	SIRCO	2000	1600	710	3220.32
2600 4260	2500	4	SIRCO	2500	1600	710	5,867.73
2600 4310	3200	4	SIRCO	3200	1600	710	8077.89
2600 4401	4000	4	SIRCO	4000	1600	710	23,729.04



2600 4064

LOAD BREAK SWITCHES

SIRCO Terminal Shrouds

Item	Rating (A)	Poles	Type	Trade Price
2694 3014	125 - 160	3	IP20	31.87
2694 4014	125 - 160	4	IP20	31.87
2694 3021	200 - 250	3	IP20	36.37
2694 4021	200 - 250	4	IP20	31.33
2694 3051	315 - 630	3	IP20	48.11
2694 4051	315 - 630	4	IP20	48.11
2698 3012	125 - 160	3	Screen	15.20
2698 4012	125 - 160	4	Screen	15.20
2698 3020	200 - 250	3	Screen	16.16
2698 4020	200 - 250	4	Screen	16.16
2698 3050	315 - 630	3	Screen	17.77
2698 4050	315 - 630	4	Screen	17.30
2698 3080	800 - 1250CD	3	Screen	27.94
2698 4080	800 - 1250CD	4	Screen	29.39
2698 3120	1250 - 1800	3	Screen	66.92
2698 4120	1250 - 1800	4	Screen	68.54
2698 3200	2000 - 3200	3	Screen	173.68
2698 4200	200 - 3200	4	Screen	185.13



Terminal Shrouds



Terminal Screen

SIRCO Distribution Kit

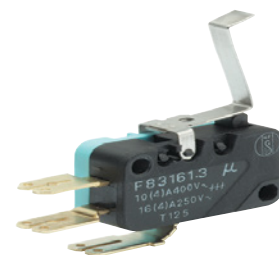


Distribution Kit

Item	Rating (A)	Poles	Type	Trade Price
5411 3016	125 - 160	3	Busbar	185.67
5411 4016	125 - 160	4	Busbar	306.01
5411 3025	200 - 250	3	Busbar	203.99
5411 4025	200 - 250	4	Busbar	315.65
5411 3040	315 - 400	3	Busbar	418.31
5411 4040	315 - 400	4	Busbar	484.60
5411 3063	500 - 630	3	Busbar	478.26
5411 4063	500 - 630	4	Busbar	503.89

SIRCO Auxiliary Contact

Item	Rating (A)	Poles	Type	Trade Price
2699 0031	125 - 3200	NO - NC	First	16.85



Auxiliary Contact

LOAD BREAK SWITCHES

SIRCO Shaft Extension

Item	Rating (A)	Poles	Length mm	Handle	Trade Price
1400 1020	125 - 630	3 & 4	200	S2	14.09
1400 1025	125 - 630	3 & 4	250	S2	17.22
1400 1032	125 - 630	3 & 4	320	S2	25.63
1400 1050	125 - 630	3 & 4	500	S2	40.50
1401 1520	800 - 1800	3 & 4	200	S4	31.59
1401 1532	800 - 1800	3 & 4	320	S4	54.45
1401 1540	800 - 1800	3 & 4	400	S4	68.32
2799 3015	2000 - 5000	3 & 4	200	SIRCO	29.96
2799 3018	2000 - 5000	3 & 4	320	SIRCO	70.50



Shaft Extension

SIRCO External Interlocked Defeatable Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
1421 2111	125 - 630	3 & 4	S2	Black	55	38.51
1423 2111	125 - 630	3 & 4	S2	Black	65	57.46
1424 2111	125 - 630	3 & 4	S2	Red	65	66.74
1443 3111	800 - 1800	3 & 4	S4	Black	65	142.28
1444 4311	800 - 1800	3 & 4	S4	Red	65	138.7
2799 7136	2000 - 3200	3 & 4	SIRCO	Black	65	263.16
2799 7134	2000 - 3200	3 & 4	SIRCO	Red	65	254.36
2799 7072	4000 - 5000	3 & 4	SIRCO	Black	55	443.7



Interlockable Handle

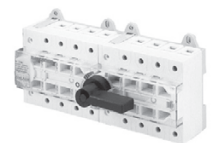
SIRCO Direct Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
26995052	125 - 630	3 & 4	B2	Black	55	17.73

CHANGEOVER SWITCHES - VM 1

Changeover Switches with visible break. I-O-II Type VM 1

Item	(A)	Modules	Poles	AC22-400V	AC23-400V	For cable size mm²	Trade Price
4430 3008	80	12	3	80	63	Cu50	299.47
4430 4008	80	12	4	80	63	Cu50	320.70
4430 3012	125	12	3	125	63	Cu50	373.77
4430 4012	125	12	4	125	63	Cu50	425.11



4430 4012

Accessories for Switch Type VM 1

Item	Description	Trade Price
4439 0001	Auxiliary contact for VM, HS VM. 1vx AC1=0,1A-250V; 1A-125V	62.15
4499 3006	Bridging Bar for VM1, 3 Pole, 125A	102.80
4499 4006	Bridging Bar for VM1, 4 Pole, 125A	136.55
1402 0820	Shaft extension 200mm	24.49
1402 0832	Shaft extension 320mm	33.26
1413 2113	External Handle black IP65	71.91
4439 5012	Direct Handle	18.65



4499 3006

CHANGEOVER SWITCHES

SIRCO M Changeover switches

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
2200 3001 CO	20	3	M1	20	20	9	78.88
2200 3003 CO	32	3	M1	32	32	15	94.59
2200 3004 CO	40	3	M1	40	40	18.5	98.34
2200 3006 CO	63	3	M2	63	63	30	112.60
2200 3008 CO	80	3	M2	80	80	37	135.79
2200 3009 CO	100	3	M2	100	80	37	178.54



2200 3006 CO

SIRCO M Bridging Bar

Item	Rating (A)	Trade Price
2299 3005	25 - 40	44.46
2299 3009	63 - 80	73.35

SIRCO M External Changeover Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
1473 1113	20 - 80	3	M1-M2	Black	65	9.90



External Handle

SIRCO M - MV Shaft Extensions

Item	Rating (A)	Length mm	Type	Handle	Trade Price
1407 0520	20 - 80	200	M1-M2	S00	5.82
1407 0532	20 - 80	320	M1-M2	S00	8.86



CHANGEOVER SWITCHES

SIRCOVER Changeover Switches 3 Pole

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
41AC 3013	125	3	Sircover	125	125	63	522.63
41AC 3016	160	3	Sircover	160	160	80	581.67
41AC 3020	200	3	Sircover	200	200	80	721.95
41AC 3025	250	3	Sircover	250	250	132	908.42
41AC 3040	400	3	Sircover	400	400	132	1,278.59
41AC 3050	500	3	Sircover	500	500	280	1,465.25
41AC 3063	630	3	Sircover	630	500	280	2,104.77
41AC 3080	800	3	Sircover	800	800	450	2,918.00
41AC 3100	1000	3	Sircover	1000	1000	560	3,559.73
41AC 3120	1250	3	Sircover	1250	1250	710	4,438.89
41AC 3160	1600	3	Sircover	1600	1250	710	6,293.55
41AC 3200	2000	3	Sircover	2000	1600	710	9,149.79
41AC 3250	2500	3	Sircover	2500	1600	710	12,753.62



41AC 3120

SIRCOVER Changeover Switches 4 Pole



41AC 4160

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
41AC 4013	125	4	Sircover	125	125	63	556.38
41AC 4016	160	4	Sircover	160	160	80	657.54
41AC 4020	200	4	Sircover	200	200	80	859.14
41AC 4025	250	4	Sircover	250	250	132	1,028.47
41AC 4040	400	4	Sircover	400	400	132	1,448.56
41AC 4063	630	4	Sircover	630	500	280	2,045.52
41AC 4080	800	4	Sircover	800	800	450	3,868.51
41AC 4100	1000	4	Sircover	1000	1000	560	4,750.53
41AC 4120	1250	4	Sircover	1250	1250	710	4,988.31
41AC 4160	1600	4	Sircover	1600	1250	710	7,040.72

CHANGEOVER BYPASS SWITCHES

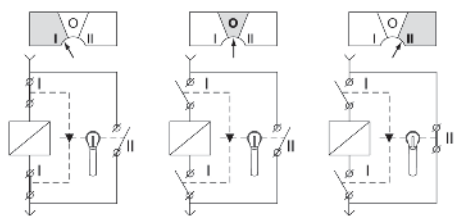
SIRCOVER BYPASS Switches

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
4100 7013	125	3+6	I - O - II	125	125	63	1,170.42
4100 7016	160	3+6	I - O - II	160	160	80	1,317.86
4100 7019	200	3+6	I - O - II	200	200	80	1,324.85
4100 7025	250	3+6	I - O - II	250	250	132	1,962.67
4100 7039	400	3+6	I - O - II	400	400	132	2,294.76
4100 7050	500	3+6	I - O - II	500	500	280	2,280.17
4100 7063	630	3+6	I - O - II	630	500	280	3,306.64
4100 7080	800	3+6	I - O - II	800	800	450	5,084.96
4100 7120	1250	3+6	I - O - II	1250	1250	710	8,586.52
4100 7160	1600	3+6	I - O - II	1600	1250	710	10,263.63

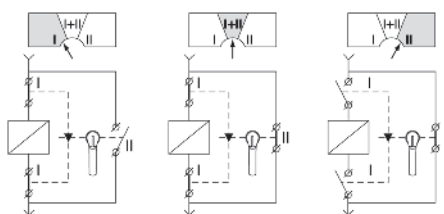


4100 7039

Bypass Schematics



Overlapping Bypass Schematics



SIRCOVER Overlapping BYPASS Switches

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
4190 7013	125	3+6	I - I+II - II	125	125	63	1,094.00
4190 7016	160	3+6	I - I+II - II	160	160	80	1,308.36
4190 7019	200	3+6	I - I+II - II	200	200	80	1,537.45
4190 7025	250	3+6	I - I+II - II	250	250	132	2,179.26
4190 7039	400	3+6	I - I+II - II	400	400	132	2,690.69
4190 7063	630	3+6	I - I+II - II	630	500	280	3,616.58
4190 9013	125	4+8	I - I+II - II	125	125	63	1,242.53
4190 9025	250	4+8	I - I+II - II	250	250	132	2,487.00
4190 9039	400	4+8	I - I+II - II	400	400	132	3,046.53
4190 9063	630	4+8	I - I+II - II	630	500	280	4,815.84
4190 9120	1250	4+8	I - I+II - II	1250	1250	710	12,345.48



4190 7039

SIRCOVER - BYPASS External Interlocked Defeatable Handle

Item	Rating (A)	Handle Type	Switch Type	Colour	IP Rating	Trade Price
1421 2113	125 - 630	S2	Sircover	Black	55	93.61
1423 2113	125 - 630	S2	Sircover	Black	65	121.23
1443 3113	800 - 1800	S4	Sircover	Black	65	207.30
2799 7146	2000 - 3200	S4	Sircover	Black	65	408.10
1421 2113	125 - 200	S2	Bypass	Black	55	93.61
1423 2113	125 - 200	S2	Bypass	Black	65	121.23
1433 3113	250 - 630	S3	Bypass	Black	65	172.48
4199 7146	800 - 1600	S4	Bypass	Black	65	397.98
1423 2114	125 - 630	S2	Overlapping	Black	65	121.23



CHANGEOVER BYPASS SWITCHES

SIRCOVER - BYPASS Auxiliary Contact

Item	Rating (A)	Function	Type	Position	Trade Price
4109 0021	125 - 1600	NO - NC	Both	1st - 2nd	38.92
4409 0022	2000 - 3200	NO - NC	Sircover	2nd	32.91



Auxiliary Contact



Terminal Screen

SIRCOVER - BYPASS Terminal Screens

Item	Rating (A)	Pole	Type	Trade Price
1509 3012	125 - 200	3	Both	78.57
1509 3025	250 - 400	3	Both	78.57
1509 3063	500 - 630	3	Both	154.31
1509 3080	800 - 1250	3	Both	159.68
1509 3160	1600 - 1800	3	Both	184.22

SIRCOVER - BYPASS Bridging Bars

Item	Rating (A)	Pole	Type	Trade Price
4109 0019	125 - 200	1	Both	31.72
4109 0025	250	1	Both	32.98
4109 0039	400	1	Both	41.73
4109 0050	500	1	Both	41.35
4109 0063	630	1	Both	56.91
4109 0080	800	1	Both	78.81
4109 0120	1200	1	Both	124.08
4109 0160	1600	1	Both	199.26



Bridging Bars

SIRCOVER - BYPASS Shaft Extension



Shaft Extension

Item	Rating (A)	Length mm	Type	Handle	Trade Price
1400 1020	125 - 630	200	Sircover	S2	14.09
1400 1032	125 - 630	320	Sircover	S2	25.63
1401 1520	800 - 1600	200	Sircover	S4	31.59
1401 1532	800 - 1600	320	Sircover	S4	54.45
2799 3018	2000 - 3200	320	Sircover		70.50
1400 1020	125 - 200	200	Bypass	S2	14.09
1400 1032	125 - 200	320	Bypass	S2	25.63
1401 1520	250 - 630	200	Bypass	S3	31.59
1401 1532	250 - 630	320	Bypass	S3	54.45
2799 3018	800 - 1600	320	Bypass		70.50

FUSE SWITCHES

FUSERBLOC Fuse Switches 3 Pole

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
3631 3002	20	3	10 x 38	20	20	9	120.02
3631 3003	32	3	10 x 38	32	32	15	124.83
3831 3006	63	3	00C	63	63	30	178.99
3831 3012	125	3	00	125	125	63	244.89
3831 3015	160	3	00	160	160	80	314.72
3831 3024	250	3	1	250	250	132	549.93
3831 3039	400	3	2	400	400	220	786.95
3811 3063	630	3	3	630	630	355	1,354.42
3811 3080	800	3	3	800	800	450	2,217.88
3811 3081	800	3	4	800	800	450	3008.83
3811 3120	1250	3	4	1250	1250	560	3,852.54



3631 3002



3829 9320

FUSERBLOC Integrated Solid Neutral Link

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
3829 9310	63 - 125	1	00C - 00	125	125	125	63.33
3829 9320	160	1	0	160	160	160	58.82
3829 9325	250	1	1	250	250	250	161.54
3829 9339	400	1	2	400	400	400	167.33
3829 9308	630 - 800	1	3	800	800	800	356.12
3829 9312	800 - 1250	1	4	1250	1250	1250	609.75

SIRCO Switch Fuse 3 Pole c-w shaft & Handle

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
2613 3015	160	3	00	160	160	80	158.27



1424 2111

FUSERBLOC External Interlocked Defeatable Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
1411 2111	20 - 63	3	S1	Black	55	35.45
1414 2111	20 - 63	3	S1	Red	65	58.18
1421 2111	125 - 400	3	S2	Black	55	38.51
1423 2111	125 - 400	3	S2	Black	65	57.46
1424 2111	125 - 400	3	S2	Red	65	66.74
1433 3111	630 - 800	3	S3	Black	65	142.32
1434 3111	630 - 800	3	S3	Red	65	115.47
1443 3111	800 - 1250	3	S4	Black	65	142.28
1444 4311	800 - 1250	3	S4	Red	65	138.70

FUSE SWITCHES

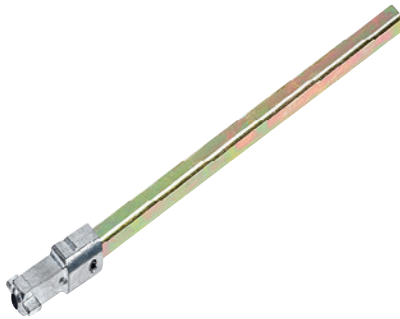
FUSERBLOC External Interlocked Defeatable Handle c-w Test Function

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
1413 2115	20 - 63	3	S1 Test	Black	55	72.24
1414 2115	20 - 63	3	S1 Test	Red	65	74.6
1423 2115	125 - 400	3	S2 Test	Black	55	72.24
1424 2115	125 - 400	3	S2 Test	Red	65	73.10



1413 2115

FUSERBLOC Shaft Extension



Shaft Extension

Item	Rating (A)	Length mm	Handle	Trade Price
1401 0520	20 - 32	200	S1	15.30
1401 0532	20 - 32	320	S1	23.22
1401 0540	20 - 32	400	S1	30.50
1400 1020	63 - 400	200	S2	14.09
1400 1025	63 - 400	250	S2	17.22
1400 1032	63 - 400	320	S2	25.63
1400 1050	63 - 400	500	S2	40.50
1400 1220	630 - 800	200	S3	23.17
1400 1232	630 - 1250	320	S3 - S4	45.40

FUSERBLOC Auxiliary Contact

Item	Rating (A)	Switch	Type	Trade Price
3999 0701	20 - 1250	NO	U	24.02
3999 0702	20 - 1250	NC	U	20.50
3999 0041	20 - 1250	NC + NO	S	59.32



3999 0701



Terminal Shrouds

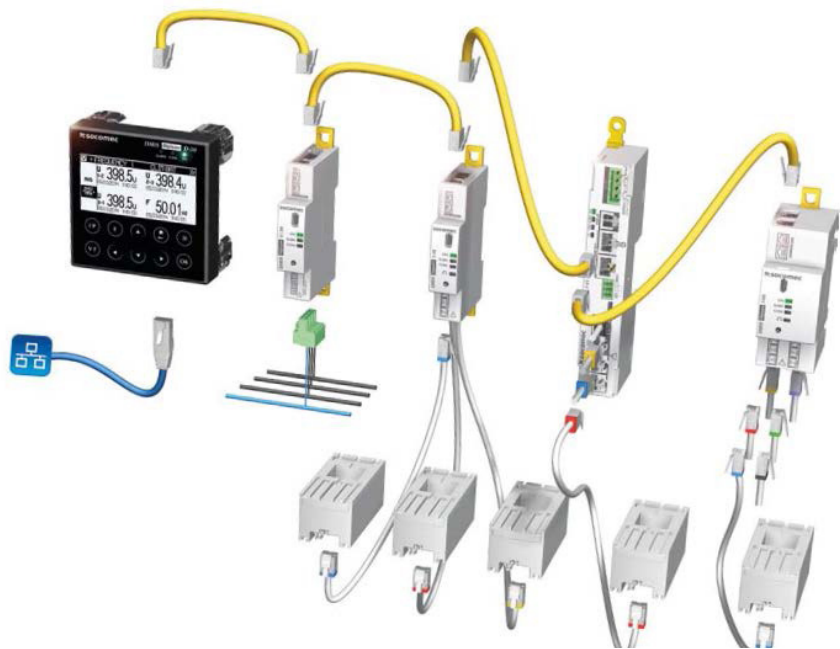
FUSERBLOC Terminal Shrouds

Item	Rating (A)	Fuse	Type	Trade Price
3998 3016	125 - 160	00	IP20	27.20
3998 3025	250 - 400	2	IP20	41.42
3898 3080	630 - 800	3	IP20	85.09
3898 3120	800 - 1250	4	IP20	102.10

SWITCHEFUSE TYPE DO

Item	Poles	Max Rated Current A	Modules	Trade Price
STVDO 21P	1	63	1.5	17.60
STVDO 22P	2	63	3	48.68
STVDO 23P	3	63	4.5	68.17

DIRIS DIGIWARE DISPLAYS



DIRIS Displays

Item	Description	Trade Price
4829 0204	D-50 Display c/w Modbus rs485 & Modbus TCP	550.17
4829 0203	D-70 Display c/w Webserver EMS, BACnet, SNMP, Modbus TCP	3,604.21
4829 0200	DIRIS D-30 Single Point Display for DIRIS B30	369.20

DIRIS DIGIWARE C

DIRIS Digiware C

Item	Description	Trade Price
4829 0101	C-31 System Interface - Digiware to RS485	218.45
4829 0103	C-32 Repeater - Signal Booster	321.04

4829 0103



MEASUREMENT MODULE

Voltage Measurement Module

Item	Description	Trade Price
4829 0105	U-10 Voltage Input Metering	253.52
4829 0106	U-20 Voltage Input Monitoring	350.61
4829 0102	U-30 Voltage Input Analysis	431.50



4829 0102



4829 0110

Current Measurement Module

Item	Description	Trade Price
4829 0110	i-30 3Xi Metering	285.89
4829 0111	i-31 3Xi Metering + Trend	458.50
4829 0128	i-33 3Xi Metering & Monitoring	372.17
4829 0130	i-35 3Xi Metering & Analysis	846.84
4829 0131	i-45 4Xi Metering, Analysis & 2i-2o	1,181.28
4829 0112	i-60 6Xi Metering	485.99
4829 0113	i-61 6Xi Metering + Trend	779.42

CURRENT SENSOR

TE SOLID CURRENT SENSOR

Item	Description	Trade Price
4829 0500	TE - 18 20A Solid Core CT	44.25
4829 0501	TE - 18 63A Solid Core CT	44.25
4829 0502	TE - 25 160A Solid Core CT	54.47
4829 0503	TE - 35 250A Solid Core CT	65.25
4829 0504	TE - 45 630A Solid Core CT	82.54
4829 0505	TE - 55 1000A Solid Core CT	99.78
4829 0506	TE - 90 2000A Solid Core CT	181.02



4829 0500



4829 0551

TR SPLIT CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0555	TR - 10 75A - 100MV Split Core CT	110.66
4829 0556	TR - 14 100A - 100MV Split Core CT	110.66
4829 0557	TR - 21 200A - 100MV Split Core CT	122.62
4829 0558	TR - 32 600A - 100MV Split Core CT	159.51

TF FLEXIBLE (ROGOWSKI) CURRENT SENSOR

Item	Description	Trade Price
4829 0570	TF-55 600A Flexible Current Sensor	504.60
4829 0575	TF-120 2000A Flexible Current Sensor	566.13
4829 0577	TF-300 6000A Flexible Current Sensor	627.65



4829 0570

COMMUNICATION GATEWAY DIRIS M

DIRIS M GATEWAY

RS485 to Ethernet Interface with embedded Energy

Item	Description	Trade Price
4829 0221	Diris M-50 Ethernet Gateway	1,529.81
4829 0222	Diris M-70 Ethernet Gateway c/w EMS Webserver	3,992.37



4829 0032

DIRIS G OPTIONAL MODULE

Item	Description	Trade Price
4829 0030	2in-2out digital	473.82
4829 0031	2in-2out analogue 4-20mA	738.38
4829 0032	3 Temperature inputs, PT100-PT100	473.82

DIRIS B WIRELESS POWER MONITORING DEVICE

DIRIS B-30 MONITORING DEVICE

Item	Description	Trade Price
4829 0000	DIRIS B-30 RS485 Modbus - 230 VAC	1,138.36
4829 0002	DIRIS B-30 RF Modbus - 230VAC	1,322.97

DIRIS O OPTIONAL MODULE

Item	Description	Trade Price
4829 0030	DIRIS O - IOD Digital Module	473.82
4829 0031	DIRIS O - IOA 0-4 - 20MA Module	738.38
4829 0032	DIRIS O - IT Temperature Module	473.82
4829 0033	DIRIS O-M Modbus RS485 Module	553.81
4829 0034	DIRIS O-P Profibus DP Modul	1,107.61
4829 0035	DIRIS O-B - IP Bacnet Module	1,107.61
4829 0036	DIRIS O-B - MSTP Bacnet Module	1,107.61



4829 0000

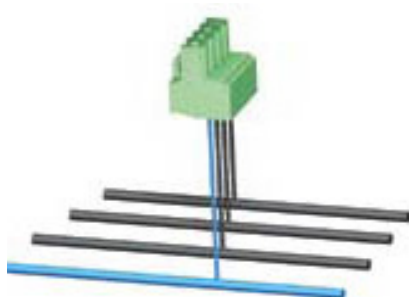
CONNECTION CABLES AND ACCESSORIES

RJ12 CONNECTION CABLES

Item	Description	Trade Price
4829 0580	RJ12 3X0, 1M Cable	19.69
4829 0581	RJ12 3X0, 2M Cable	21.17
4829 0582	RJ12 3X0, 3M Cable	23.23
4829 0583	RJ12 3X1M Cable	32.78
4829 0584	RJ12 3X2M Cable	48.04
4829 0585	RJ12 4X0, 1M Cable	26.39
4829 0586	RJ12 4X0, 2M Cable	28.06
4829 0587	RJ12 4X0, 3M Cable	30.31
4829 0588	RJ12 4X1M Cable	43.61
4829 0589	RJ12 4X2M Cable	64.01
4829 0590	RJ12 6X0, 1M Cable	39.58
4829 0591	RJ12 6X0 2M Cable	42.22
4829 0592	RJ12 6X0 3M Cable	45.59
4829 0593	RJ12 6X1M Cable	65.66
4829 0594	RJ12 6X2M Cable	95.99
4829 0595	RJ12 3X0, 5M Cable	25.81
4829 0596	RJ12 4X0, 5M Cable	34.35
4829 0597	RJ12 6X0, 5M Cable	51.59
48290602	RJ12 Cable 1 x 5M Cable	32.99
48290603	RJ12 Cable 1x10M Cable	61.16



4829 0585



4829 0180

RJ45 Connection Cables

Item	Description	Trade Price
4829 0181	RJ45 - 0,10M Cable	8.09
4829 0182	RJ45 - 0,50M Cable	11.42
4829 0183	RJ45 - 1M Cable	15.27
4829 0184	RJ45 - 2M Cable	23.52
4829 0180	End Line Resistance RJ45	4.73
4829 0186	RJ45-5m Cable	53.89
4829 0187	RJ45-10m Cable	102.10
4829 0050	USB Cable Configuration	12.30

Accessories

Item	Description	Trade Price
4829 0120	P15 AUX Supply 24 VDC 15W	215.77
4829 0280	RJ9 1x1, 5M	11.24
4829 0281	RJ9 1x3M	16.74
4854 0126	Remote Antenna DIRIS B30	92.31
4854 0127	Antenna Cable 3M DIRIS B30	184.63
4829 0049	Sealing Kit DIRIS B30	61.54
4829 0050	USB Cable Configuration	12.30
4829 0598	Splice Plate x30	61.54
4829 0599	CT-5A To 100MV Adaptor	69.24
4829 0600	Sealable Cover X20	39.37

DIRIS A40 - POWER MONITORING DEVICE WITH PLUGIN SENSORS

DIRIS A40

Item	Description	Trade Price
4825 0500	Diris A40 c/w Modbus rs485 and Pulse Output	812.51
4825 0501	A40 c/w Ethernet & Energy Monitoring Software	1,246.16
4825 0502	Diris A40 Profibu	1,166.40



RJ12 CONNECTION CABLES

Item	Description	Trade Price
4829 0583	RJ12 3X1M Cable	32.78
4829 0584	RJ12 3X2M Cable	48.04
4829 0602	RJ12 1x5M Cable	32.99
4829 0603	RJ12 1x10 Cable	61.16

CURRENT SENSORS

TE SOLID CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0500	TE - 18 20A Solid Core CT	44.25
4829 0501	TE - 18 63A Solid Core CT	44.25
4829 0502	TE - 25 160A Solid Core CT	54.47
4829 0503	TE - 35 250A Solid Core CT	65.25
4829 0504	TE - 45 630A Solid Core CT	82.54
4829 0505	TE - 55 1000A Solid Core CT	99.78
4829 0506	TE - 90 2000A Solid Core CT	181.02



4829 0500



TR SPLIT CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0555	TR - 10 75A - 100MV Split Core CT	110.66
4829 0556	TR - 14 100A - 100MV Split Core CT	110.66
4829 0557	TR - 21 200A - 100MV Split Core CT	122.62
4829 0558	TR - 32 600A - 100MV Split Core CT	159.51

TF FLEXIBLE (ROGOWSKI) CURRENT SENSOR

Item	Description	Trade Price
4829 0570	TF-55 600A Flexible Current Sensor	504.60
4829 0575	TF-120 2000A Flexible Current Sensor	566.13
4829 0577	TF-300 6000A Flexible Current Sensor	627.65



4829 0570

DIRIS ENERGY METERING




	DIRIS A10	DIRIS A10 + COM	DIRIS A20	Pulse outputs	MODBUS Com	DIRIS A30-A41		DIRIS A60
Measurements								
Currents(I), voltages(U), frequency(F)	*	*	*			*	*	*
Measuring neutral current (In)							*	
Actives(P), reactivities(Q), apperents(S) powers	*	*	*			*	*	*
Predictive Power						*	*	*
Power Factor (PF)	*	*	*			*	*	*
Tangent j								*
Voltage and current unbalance								*
Temperature(s)	*	*				Option1-4	Option1-4	Option1-4
Currents, voltages, frequency average values						*	*	*
Powers averages values	*	*	*			*	*	*
Accuracy	0.2	0.2	0.2			0.2	0.2	0.2
Energy management								
Energies meters (KWh, KvarH, KVAh)	*	*	*			*	*	*
Tariff meters	*	*						
Pulses meters	*	*				Option 2...6	Option 2...6	Option 2...6
Load curves						*	*	*
Accuracy cl. 0,5S IEC 61253-22 (KWh)	*	*	*			*	*	*
Pulses output(s)	1		1	*		Option2 max	Option2 max	Option2 max
Quality analyse and events storage								
THD	*	*	*			*	*	*
Harmonics (row 63)						*	*	*
Voltage sag, swell and interruption								*
Overcurrent								*
RMS 1-2 period curves storage								*
Monitoring	1	1	Option 1 max.	*		Option 2...6	Option 2...6	Option 2...6
Events and measurements historic								
Load curve								*
Events & monitoring						--*	--*	*_*
Maximum average powers	kW	kW	kW			*	*	*
Maximum average Current	*	*	*			*	*	*
Numeric and analogical communications								
RS485 Jbus-Modbus mode RTU		*	Option		*	Option	Option	Option
RS485 PROFIBUS-DP 12 Mbaud						Option	Option	Option
Ethernet 10baseT - 100 baseT Modbus RTU						Option	Option	*
Ethernet - RS485 gateway						Option	Option	*
Webserver						Option	Option	*
Analogue outputs						Option 2...4	Option 2...4	Option 2...6
Other								
Connection test and correction function	*	*	*			*	*	*
Optional modules "plug&play"			*			*	*	*
Enclosure	4 modules	4 modules	96x96 mm			96x96mm	96x96mm	96x96mm
Conform to IEC 61557-12	*	*	*			*	*	*
ITEM NUMBER	48250400	48250401	48250402	48250080	48250082	48250403	48250404	48250207
TRADE PRICE	313.87	539.84	418.49	60.55	173.14	835.96	1,829.89	2,354.58

DIRIS ENERGY METERING






	Pulse outputs	MODBUS com	PROFIBUS com	Ethernet	Ethernet gateway	Analogue outputs	2 inputs-2 outputs	Memory
Measurements								
Currents(I), voltages(U), frequency(F)								
Measuring neutral current (In)								
Actives(P), reactivities(Q), apperents(S) powers								
Predictive Power								
Power Factor (PF)								
Tangent j								
Voltage and current unbalance								
Temperature(s)								
Currents, voltages, frequency average values								
Powers averages values								
Accuracy								
Energy management								
Energies meters (KWh, KvarH, KVAh)								
Tariff meters								
Pulses meters	*							
Load curves								
Accuracy cl. 0,5S IEC 61253-22 (KWh)								
Pulses output(s)								
Quality analyse and events storage								
THD								
Harmonics (row 63)								
Voltage sag, swell and interruption								
Overcurrent								
RMS 1-2 period curves storage								
Monitoring							*	
Events and measurements historic								
Load curve								
Events & monitoring								*
Maximum average powers								*
Maximum average Current								*
Numeric and analogical communications								
RS485 Jbus-Modbus mode RTU		*						
Profibus D-Sub Connector Modul			*					
Ethernet 10baseT - 100 baseT Modbus RTU				*				
Ethernet - RS485 gateway					*			
Webserver				*	*			
Analogue outputs						*		
Other								
Connection test and correction function								
Optional modules "plug&play"								
Enclosure								
Conform to IEC 61557-12								
ITEM NUMBER	48250090	48250092	48250205	48250203	48250204	48250093	48250094	48250097
TRADE PRICE	68.46	320.88	631.88	666.07	1,349.93	366.70	605.85	733.44

COUNTIS ENERGY METERING

	COUNTIS E00	COUNTIS E11	COUNTIS E12	COUNTIS E21	COUNTIS E30	COUNTIS E31	COUNTIS E32	COUNTIS E33
								
	Direct S.P. 40A	Direct Single Phase 80A			Direct Three Phase 100A			
Single phase network direct connection	40A	80 A	80A	80 A	100 A	100 A	100 A	100 A
Three phase network direct connection				80 A	100 A	100 A	100 A	100 A
Single & three phase network CT -5A								
MID EN50470 mod B+D class B cert'n			*				*	
RS485 Jbus-Modbus communication								*
Pulses output	*	*	*	*	*	*	*	*
NETWORK								
Single phase; 230 V +- 15%	*	*	*					
Three phase; 4 wires x 200-415 V				*	*	*	*	*
Three phase; 3 wires 230 V or 400 V				*	*	*	*	*
Self powered	*	*	*	*	*	*	*	*
Auxiliary supply								
ENERGY METERING								
kWh total-partial	total only	*_*	*_--	*_*	*_*	*_*	*_--	*_*
kvarH total-partial								*_*
Multi tariff		2	2	2		2	2	2
IEC 62053-21 cl 1	*	*	*	*	*	*	*	*
MID EN50470 module B+D class B			*				*	
Conformity to EN50470-3 class B		*		*	*	*		*
Metrological LED	*	*	*	*	*	*	*	*
IEC 62053-11 & IEC 62053-31		*	*	*	*	*	*	*
IEC 61557-12		*	*	*	*	*	*	*
Input (Counts Ci)								
MEASUREMENTS								
Active power (SP) - reactive power (SQ)		*_--	*_--	*_--	*_*	*_*	*_*	*_*
currents (3I) - voltages (3V, 3U) indication								
Apparent power (SS)								
Power factor (FP)								
Average maximum active power								
INSTALLATION								
Size (modules)	1	3	3	4	7	7	7	7
Phase-Neutral inversion protection		*	*	*	*	*	*	*
Wrong connection indication		*	*	*	*	*	*	*
Sealing cover		Option	*	Option	Option	Option	*	Option
ITEM NUMBER	48503058	48503060	48503061	48503062	48503005	48503006	48503007	48503012
TRADE PRICE	167.90	295.53	381.93	559.75	671.68	716.40	772.40	861.96

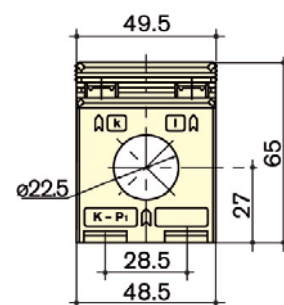
COUNTIS ENERGY METERING

	COUNTIS E41	COUNTIS E42	COUNTIS E43	COUNTIS E44	COUNTIS E50	COUNTIS E53	COUNTIS EC i2
							
					CT T. Phase 6000A		Pulse Counter
Single phase network direct connection							
Three phase network direct connection							
Single & three phase network CT -5A	1200 A	1200 A	1200 A	1200 A	600 A	600A	
MID EN50470 mod B+D class B cert'n		*		*			
RS485 Jbus-Modbus communication			*	*		*	*
Pulses output	*	*			*	(option)	
NETWORK							
Single phase; 230 V +- 15%							
Three phase; 4 wires x 200-415 V	*	*	*	*			
Three phase; 3 wires 230 V or 400 V	*	*	*	*			
Self powered	*	*	*	*			
Auxiliary supply					10...400VAC 120...350 C"	10...400VAC 120...350 C"	200-415 VAC
ENERGY METERING							
kWh total-partial	*_*	*_*	*_*	*_*	*_*	*_*	
kvarH total-partial	*_*	*_*	*_*	*_*	*_*	*_*	
Multi tariff	2					4 via RS485	
IEC 62053-21 cl 1	*	*	*	*	*	*	
MID EN50470 module B+D class B		*		*			
Conformity to EN50470-3 class B	*	*					
Metrological LED	*	*	*	*			
IEC 62053-11 & IEC 62053-31	*	*	*	*			
IEC 61557-12	*	*	*	*			
Input (Counts Ci)							7
MEASUREMENTS							
Active power (SP) - reactive power (SQ)	*_*	*_*	*_*	*_*	*_*	*_*	
currents (3I) - voltages (3V, 3U) indication					*	*	
Apparente power (SS)					*	*	
Power factor (FP)					*	*	
Average maximum active power					*	*	
INSTALLATION							
Size (modules)	4	4	4	4	96x96 mm	96x96 mm	4
Phase-Neutral inversion protection	*	*	*	*	*	*	*
Wrong connection indication	*	*	*	*	*	*	*
Sealing cover	Option	Option	*	*			
ITEM NUMBER	48503063	48503064	4850303065	48503066	48503010	48503011	48530000
TRADE PRICE	544.47	620.69	778.51	636.18	283.84	404.61	450.34

CURRENT TRANSFORMERS

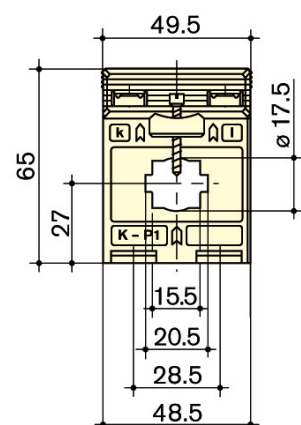
Current Transformer TCA22

Item	Rating	Cable	Bar	Trade Price
192T 2022	100A	22mm	-	32.99
192T 2023	150A	22mm	-	32.99
192T 2024	200A	22mm	-	32.99
192T 2025	250A	22mm	-	32.99
192T 2030	300A	22mm	-	37.21
192T 2034	400A	22mm	-	37.21
192T 2035	500A	22mm	-	47.24
192T 2036	600A	22mm	-	47.24



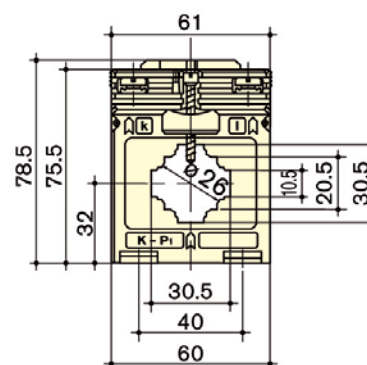
Current Transformer TCB17-20

Item	Rating	Cable	Bar	Trade Price
192T 2106	60A	17mm	20 x 5	28.90
192T 2108	80A	17mm	20 x 5	28.90
192T 2110	100A	17mm	20 x 5	28.90
192T 2112	125A	17mm	20 x 5	28.90
192T 2115	150A	17mm	20 x 5	28.90
192T 2120	200A	17mm	20 x 5	28.90
192T 2125	250A	17mm	20 x 5	32.56
192T 2130	300A	17mm	20 x 5	32.56



Current Transformer TCB26-30

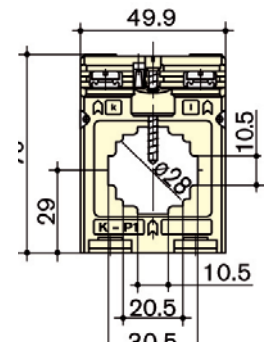
Item	Rating	Cable	Bar	Trade Price
192T 2305	50A	26mm	30 x 10	37.29
192T 2310	100A	26mm	30 x 10	37.29
192T 2315	150A	26mm	30 x 10	37.29
192T 2320	200A	26mm	30 x 10	37.29
192T 2325	250A	26mm	30 x 10	38.99
192T 2330	300A	26mm	30 x 10	43.41
192T 2340	400A	26mm	30 x 10	43.41
192T 2350	500A	26mm	30 x 10	47.45
192T 2360	600A	26mm	30 x 10	47.45
192T 2375	750A	26mm	30 x 10	53.92



CURRENT TRANSFORMERS

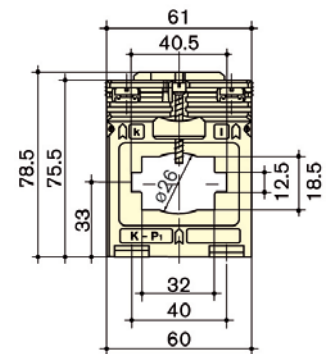
Current Transformer TCB28-30

Item	Rating	Cable	Bar	Trade Price
192T 2410	100A	28mm	30 x 10	42.84
192T 2415	150A	28mm	30 x 10	42.84
192T 2420	200A	28mm	30 x 10	42.84
192T 2425	250A	28mm	30 x 10	42.84
192T 2430	300A	28mm	30 x 10	43.41
192T 2440	400A	28mm	30 x 10	43.41
192T 2450	500A	28mm	30 x 10	47.45



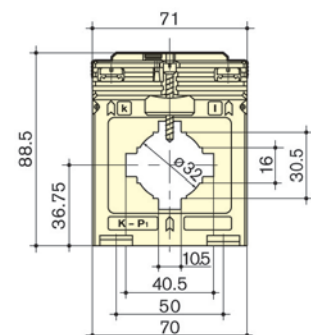
Current Transformer TCB26-40

Item	Rating	Cable	Bar	Trade Price
192T 3210	100A	26mm	40 x 12	38.32
192T 3212	125A	26mm	40 x 12	38.32
192T 3215	150A	26mm	40 x 12	38.32
192T 3220	200A	26mm	40 x 12	38.32
192T 3225	250A	26mm	40 x 12	38.32
192T 3230	300A	26mm	40 x 12	38.32
192T 3240	400A	26mm	40 x 12	38.32
192T 3260	600A	26mm	40 x 12	38.32



Current Transformer TCB32-40

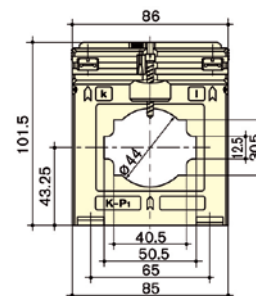
Item	Rating	Cable	Bar	Trade Price
192T 4005	50A	32mm	40 x 10	43.23
192T 4006	60A	32mm	40 x 10	43.23
192T 4007	75A	32mm	40 x 10	43.23
192T 4010	100A	32mm	40 x 10	43.23
192T 4012	125A	32mm	40 x 10	43.23
192T 4015	150A	32mm	40 x 10	43.23
192T 4020	200A	32mm	40 x 10	47.72
192T 4025	250A	32mm	40 x 10	49.19
192T 4030	300A	32mm	40 x 10	49.19
192T 4040	400A	32mm	40 x 10	49.19
192T 4050	500A	32mm	40 x 10	49.19
192T 4060	600A	32mm	40 x 10	59.68
192T 4075	750A	32mm	40 x 10	59.68
192T 4080	800A	32mm	40 x 10	59.68



CURRENT TRANSFORMERS

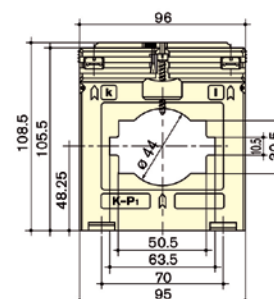
Current Transformer TCB44-50

Item	Rating	Cable	Bar	Trade Price
192T 5010	100A	44mm	50 x 12	40.00
192T 5012	125A	44mm	50 x 12	40.00
192T 5015	150A	44mm	50 x 12	40.00
192T 5020	200A	44mm	50 x 12	40.00
192T 5025	250A	44mm	50 x 12	40.00
192T 5030	300A	44mm	50 x 12	40.00
192T 5040	400A	44mm	50 x 12	44.05
192T 5050	500A	44mm	50 x 12	50.46
192T 5060	600A	44mm	50 x 12	50.46
192T 5075	750A	44mm	50 x 12	50.67
192T 5080	800A	44mm	50 x 12	62.78
192T 5090	1000A	44mm	50 x 12	62.78
192T 5092	1200A	44mm	50 x 12	62.78



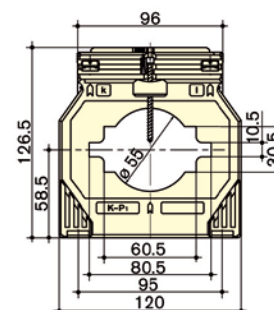
Current Transformer TCB44-63

Item	Rating	Cable	Bar	Trade Price
192T 6420	200A	44mm	63 x 10	50.80
192T 6425	250A	44mm	63 x 10	50.80
192T 6430	300A	44mm	63 x 10	50.80
192T 6440	400A	44mm	63 x 10	50.80
192T 6450	500A	44mm	63 x 10	54.21
192T 6460	600A	44mm	63 x 10	54.21
192T 6475	750A	44mm	63 x 10	54.21
192T 6480	800A	44mm	63 x 10	75.56
192T 6490	1000A	44mm	63 x 10	75.56
192T 6492	1200A	44mm	63 x 10	79.68
192T 6493	1250A	44mm	63 x 10	79.68
192T 6494	1600A	44mm	63 x 10	79.68



Current Transformer TCB55-80

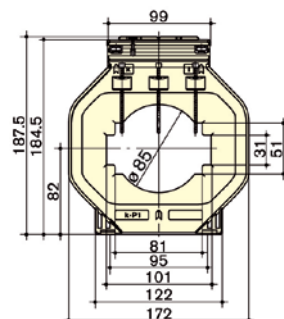
Item	Rating	Cable	Bar	Trade Price
192T 8140	400A	55mm	80 x 10	49.19
192T 8150	500A	55mm	80 x 10	54.21
192T 8160	600A	55mm	80 x 10	54.21
192T 8180	800A	55mm	80 x 10	62.10
192T 8190	1000A	55mm	80 x 10	77.11
192T 8192	1200A	55mm	80 x 10	77.11
192T 8193	1250A	55mm	80 x 10	77.11
192T 8195	1500A	55mm	80 x 10	77.11
192T 8194	1600A	55mm	80 x 10	86.11
192T 8196	2000A	55mm	80 x 10	109.70



CURRENT TRANSFORMERS

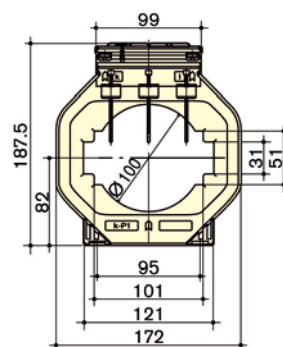
Current Transformer TCB85-100

Item	Rating	Cable	Bar	Trade Price
192T 9675	750A	85mm	100 x 20	107.29
192T 9680	800A	85mm	100 x 20	107.29
192T 9690	1000A	85mm	100 x 20	107.29
192T 9692	1200A	85mm	100 x 20	120.33
192T 9693	1250A	85mm	100 x 20	120.33
192T 9695	1500A	85mm	100 x 20	120.33
192T 9694	1600A	85mm	100 x 20	137.17
192T 9696	2000A	85mm	100 x 20	142.30
192T 9697	2500A	85mm	100 x 20	142.30



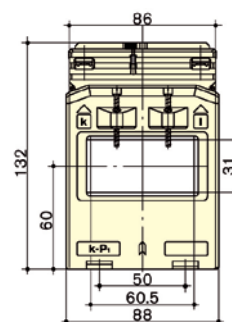
Current Transformer TCB100-125

Item	Rating	Cable	Bar	Trade Price
192T 9590	1000A	100mm	120 x 20	148.93
192T 9592	1200A	100mm	120 x 20	152.44
192T 9593	1250A	100mm	120 x 20	152.44
192T 9595	1500A	100mm	120 x 20	152.44
192T 9596	2000A	100mm	120 x 20	213.34
192T 9597	2500A	100mm	120 x 20	213.34
192T 9598	3000A	100mm	120 x 20	243.98



Current Transformer TBA60

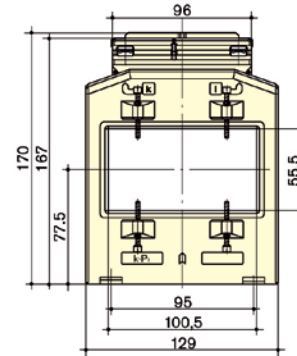
Item	Rating	Bar	Trade Price
192T 7020	200A	60 x 30	123.40
192T 7025	250A	60 x 30	123.40
192T 7030	300A	60 x 30	123.40
192T 7040	400A	60 x 30	123.40
192T 7050	500A	60 x 30	123.40
192T 7060	600A	60 x 30	123.40
192T 7075	750A	60 x 30	123.40
192T 7080	800A	60 x 30	123.40
192T 7090	1000A	60 x 30	123.40
192T 7092	1200A	60 x 30	128.67
192T 7093	1250A	60 x 30	128.57
192T 7095	1500A	60 x 30	128.57
192T 7094	1600A	60 x 30	128.57



CURRENT TRANSFORMERS

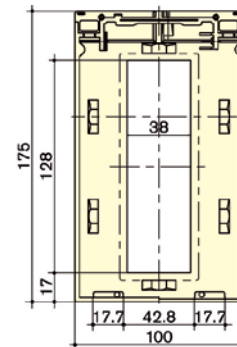
Current Transformer TBA100

Item	Rating	Bar	Trade Price
192T 8060	600A	100 x 55	156.64
192T 8075	750A	100 x 55	156.64
192T 8080	800A	100 x 55	156.64
192T 8090	1000A	100 x 55	156.64
192T 8092	1200A	100 x 55	156.64
192T 8093	1250A	100 x 55	156.64
192T 8094	1600A	100 x 55	156.64
192T 8095	1500A	100 x 55	156.64
192T 8096	2000A	100 x 55	213.34
192T 8097	2500A	100 x 55	213.34



Current Transformer TBA127

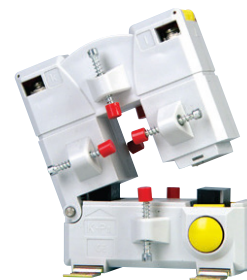
Item	Rating	Bar	Trade Price
192T 9740	400A	128 x 38	120.33
192T 9750	500A	128 x 38	120.33
192T 9760	600A	128 x 38	120.33
192T 9775	750A	128 x 38	120.33
192T 9780	800A	128 x 38	120.33
192T 9790	1000A	128 x 38	120.33
192T 9792	1200A	128 x 38	120.33
192T 9793	1250A	128 x 38	120.33
192T 9795	1500A	128 x 38	120.33
192T 9796	2000A	128 x 38	142.30
192T 9797	2500A	128 x 38	142.30
192T 9798	3000A	128 x 38	189.28
182T 9799	4000A	128 x 38	274.79



CURRENT TRANSFORMERS

Current Transformer TCO23 - Split-Core

Item	Rating	Bar	Trade Price
192T 4601	100A	30 x 20	277.25
192T 4602	150A	30 x 20	277.25
192T 4603	200A	30 x 20	277.25
192T 4604	250A	30 x 20	277.25
192T 4605	300A	30 x 20	277.25
192T 4606	400A	30 x 20	277.25



192T 4605

Current Transformer TCO58 - Split-Core

Item	Rating	Bar	Trade Price
192T 4610	100A	80 X 30	313.47
192T 4625	250A	80 x 30	313.47
192T 4630	300A	80 x 30	313.47
192T 4640	400A	80 x 30	313.47
192T 4650	500A	80 x 30	313.47
192T 4660	600A	80 x 30	313.47
192T 4675	750A	80 x 30	313.47
192T 4680	800A	80 x 30	313.47

CURRENT TRANSFORMERS - 3 POLE

Current Transformer TCB 3 17-20

Item	Rating	Cable	Bar	Trade Price
192T 3310	100	18mm	20 X 5	89.25
192T 3315	150	18mm	20 X 5	89.25
192T 3320	200	18mm	20 X 5	89.25
192T 3325	250	18mm	20 X 5	89.25



TCB 3-1

Current Transformer TCB 3 22-30

Item	Rating	Cable	Bar	Trade Price
192T 3425	250	22mm	30 x 10	154.00
192T 3430	300	22mm	30 x 10	140.00
192T 3440	400	22mm	30 x 10	154.00
192T 3450	500	22mm	30 x 10	140.00
192T 3460	600	22mm	30 x 10	154.00



TCB 3-3

ACCESSORIES

Current Transformer Connection Kit

Item	Fuse Holder	Fuse	Terminals	Endstops	Trade Price
CTKIT	4 x (10 x 38)	4 x 6A	6 x Disconnect	2	50.77



CT KIT

RESYS EARTH LEAKAGE RELAYS

RESYS M40V2 & P40V2

Earth leakage relays associated with a remote trip breaking device (automatic power breaking), provide the following functions:

- protection against indirect contact
- limitation of leakage currents

They also preventively monitor electrical installations via their (configurable) pre-alarm function or when used as signalling relays. Conformity to Standards: IEC60755, IEC60947-2, IEC62020, IEC60364.



49413723



Item	Description	Frequency	Time delay	Trade Price
4941 3723	RESYS M40 V2 earth leakage relay Type A modular	47...63Hz	0 - 10s	415.80
4942 3723	RESYS P40 V2 earth leakage relay Type A panel 48x48	47...63Hz	0 - 10s	487.82

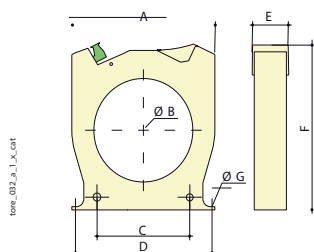
CORE BALANCE TRANSFORMERS TYPE A

A complete range of core balance transformers dedicated to RESYS relays. These can be mounted on DIN rail, back-plate or directly on the cable. The core balance transformers (toroids) meet requirements in terms of measuring sensitivity and are suitable for RESYS M40 - P40.

Closed (series Δ IC, WR and TFR) or split-core (series WS) types, suit all wiring configurations.

Item	Type	Operational Current I_N (A)	Toroid diameter (mm)	Trade Price
4950 6015	Δ IC Ø15	36	15	114.54
4950 6030	Δ IC Ø30	65	30	134.90
4950 6050	Δ IC Ø50	85	50	168.86
4950 6080	Δ IC Ø60	160	80	198.54
4950 6120	Δ IC Ø120	250	120	257.64
4950 6200	Δ IC Ø200	400	200	587.50
4950 6300	Δ IC Ø300	630	300	1109.97

Dimensions

Closed toroids - Δ IC series

Dimensions (mm)

Type	AB		CD		EF		G	Weight (kg)
ΔIC Ø15	53	17.3	27.8	50	26	81	M4	0.10
ΔIC Ø30	92	30	50	85	26	103.5	M4	.13
ΔIC Ø50	102.55	05	09	02	61	25	M5	0.18
ΔIC Ø80	1168	07	51	05	26	142.5	M5	.22
ΔIC Ø120	1631	20	1001	50	26	182.5	M6	.38
ΔIC Ø200	2532	00	1501	75 x 41.25	12	74	M6	0.88
ΔIC Ø300	3703	00	2002	50 x 41.5	03	90	M6	1.72

A. Width.

B. Diameter.

C. Distance between fixing centres.

D. Distance between rear fixing brackets.

E. Depth.

F. Height.

G. Diameter of fixing screws.

1. DEFINITIONS

In these terms and conditions the following words shall have the following meanings:-

'The Company' shall mean Garo Electric Ltd and its successors in Title. 'The Customer' shall mean the person, firm or company offering to purchase goods from the Company and its successors in Title. 'Goods' shall mean the articles and services which are the subject matter of the contract between the Company and the Customer.

2. GENERAL

All business undertaken by the Company is undertaken on the terms and conditions herein contained and any variations will only be binding on the parties hereto if such variation is in writing and signed on behalf of the Company. Any order placed by a customer is deemed to be upon the terms and conditions herein contained.

3. SETTLEMENT TERMS

All items are strictly nett and due for payment 30 days after date of the invoice unless otherwise specified in writing by the Company. The Customer shall not be entitled to make any deductions whether by reason of set-off or for any other reason.

4. PRICES – EXCLUSIVE OF V.A.T.

All quotations are given at current prices, but are subject to alterations without notice in accordance with prices ruling at time of delivery. The Company shall be entitled to recover from the Customer by way of addition to prices, such amounts which the Company may become liable to pay in respect of Value Added Tax or other legally imposed Tax in relation to the goods, also currency and other Surcharges will be charged, where applicable, at the rate ruling at date of dispatch.

5. CARRIAGE

The Company normally makes no charge for delivery from its warehouse within the usual van delivery area when delivered by its vehicles, but reserves the right to charge carriage on deliveries by whatever means of transport outside such usual delivery areas. Where the goods are specially ordered from manufacturers, the Company reserves the right to pass on any carriage and customs clearance charges as may arise.

6. GUARANTEE

The Company gives no guarantee or warranty whether expressed or implied in relation to the Goods but the Company shall do everything within its power to protect the Customers interests and to that extent shall assign to the Customer the benefit of such guarantee or warranty (if any) as may be given by the manufacturers in relation to the Goods. The Company does not accept liability for any consequential damage howsoever arising from the purchase by the Customer of the Goods whether the same may arise out of any use of the Goods or the installation of the same.

7. DELIVERY DATES

Whilst the Company shall always do its best to comply with a date quoted for delivery of goods it accepts no responsibility for loss or damage arising from failure to comply.

8. RETURNS

Goods correctly supplied may not be returned without the Company's agreement in writing. Goods so returned must be consigned Carriage Paid and accompanied by a Packing Note stating the Company's Delivery Note Number. The Company reserves the right to make a re-stocking charge. Goods will be accepted only if returned in perfect condition and in unopened and perfect packaging. A clear and authorised signature must be obtained from the Company.

8.(i) CLAIMS

(a) Any claim relating to goods delivered under this contract shall be notified to the Company in writing within seven (7) days from the date on which the said goods are received by the Customer or his agent and the Customer shall afford the Company reasonable facilities for examining the goods before they have been disposed of, or in any way altered. All goods damaged in transit and accepted in that condition by the Customer shall not be the subject of any claim hereunder.

(b) Any claim or claims in respect of goods delivered under this contract shall not be grounds for withholding payment of accounts and shall not give any right of set-off against payment due to the Company.

(c) No claim for damages to or shortages of goods during transit will be considered unless the Company and the carriers are advised in writing within seven (7) days of delivery of goods and no claim for non-delivery will be considered unless the Company and the carriers are advised within ten (10) days from date of dispatch of goods.

Standard Terms

1. All goods returned to GARO must be approved by GARO. A returns number issued by GARO must be noted on any return documentation. Product returns without a valid returns number will be rejected and returned at the buyer's expense.
2. A returns number can be obtained by emailing returns@garo.co.uk or by contacting the main office.
3. For returns accepted by Garo, the buyer will be liable for the return cost and risk of damage/loss of the goods.
4. Goods which the customer considers to be faulty can be returned subject to 1.
- a) These products will be individually tested. If the product is found to be faulty, the customer will be informed, and a credit note will be issued.
- b) No credit will be issued for products found not to be faulty, and the products will be made available for collection by the customer.
- c) Goods will only be stored for 30 days after the customer has been informed.
5. Garo reserve the right to reject a claim within 28 days if no fault is found.
6. Garo will not incur any costs for installing or fitting replacement products.
7. All returns must include a copy of the Garo returns document and the returns number clearly stated on the package. Garo will reject returns without this information.

Damaged Items

1. For items received damaged, the buyer must contact Garo within 24 hours of the goods being received. Evidence of the damage must be provided, along with all delivery documentation. A replacement product will be provided if satisfactory evidence is supplied.
2. In the case of quantity discrepancies, Garo must be informed within 24 hours of receiving the goods. Garo will then investigate after receiving delivery documentation from the buyer. If found to be correct –
 - a) The missing items will be sent (at Garo's cost) to the buyer.
 - b) For over-deliveries, an invoice will need to be raised, or Garo will arrange for the collection of the goods.
3. If an incorrect item is received, Garo will arrange for the collection and replacement product to be delivered. All evidence must be sent to Garo within 24 hours of delivery.

Stock Cleanse

1. Product returns as part of a stock cleanse will be subject to a re-stocking charge or an order in lieu. This must be agreed before any stock return. The products returned must be in perfect condition. This applies to the product and packaging. EV chargers & assembled products are excluded from any stock cleanse. Products older than 6 months are not eligible for stock cleanse.
2. Stock cleanse must be requested in writing to the area sales rep. If this has not been approved, the return will be rejected.
3. For returns accepted by Garo, the buyer will pay for the return cost and risk of damage/loss of the goods.

WEE

1. GARO branded products (EEE) can be returned to GARO, carriage paid, for WEEE recycling, subject to national directives.

ORDER CANCELLATION

Bespoke Products and Custom Made Products

Applies to all goods made and supplied to order specification. Buyer agrees that an order shall in no event be subject to cancellation or changes and shall be non-refundable, except by prior written consent of the Seller. Orders for these type of goods may not be cancelled / amended by the buyer without payment to Garo in full for the order. Garo shall, in good faith, use commercially reasonable efforts to mitigate the costs of cancellation of any Purchase Order. This order may be cancelled or delayed by the Seller in whole or in part without any liability if due to any cause beyond the control of the Seller. Refunds will be subject to Garo's discretion and conditions of cancellation

Standard Products (as featured in the Trade Price List)

Buyer may cancel any order (or any part thereof) for goods by giving Garo written notice of such cancellation at least 15 days prior to the shipping date. In the event of such cancellation, Buyer will have no rights in partially completed goods.

Rescheduling of Orders

Buyer may at any time, upon not less than thirty (30) days written notice to Garo, reschedule and/or postpone the delivery date relating to an order (or any part thereof) for up to thirty (30) days. The postponement of delivery to a date more than thirty (30) days from the delivery date specified in the initial order shall be deemed a cancellation of such order. BUYER MAY NOT POSTPONE THE DELIVERY DATE MORE THAN ONCE WITH RESPECT TO ANY ORDER. If the Distributor cancels a previously rescheduled delivery of Equipment, the applicable cancellation charges shall be based on the delivery date specified in the initial order submitted by Buyer for such delivery.

8.(I) CLAIMS

(a) Any claim relating to goods delivered under this contract shall be notified to the Company in writing within seven (7) days from the date on which the said goods are received by the Customer or his agent and the Customer shall afford the Company reasonable facilities for examining the goods before they have been disposed of, or in any way altered. All goods damaged in transit and accepted in that condition by the Customer shall not be the subject of any claim hereunder.

(b) Any claim or claims in respect of goods delivered under this contract shall not be grounds for withholding payment of accounts and shall not give any right of set-off against payment due to the Company.

(c) No claim for damages to or shortages of goods during transit will be considered unless the Company and the carriers are advised in writing within seven (7) days of delivery of goods and no claim for non-delivery will be considered unless the Company and the carriers are advised within ten (10) days from date of dispatch of goods.

9. PACKING AND TRANSIT

Goods received damaged should be signed for as 'Damaged', otherwise claims in this regard cannot be submitted. Customers are asked to note the prescribed periods for notification of damage to or shortage and non-delivery of goods and the submission of claims in respect thereof. The Company shall not be liable for any loss resulting from Customers' failure to comply with the requirements of the Railway Executive, Haulage Companies and Post Regulations and the Customer undertakes to indemnify the Company against such loss (if any).

10. ORDERS

Written confirmation of telephone orders should be clearly marked as such, otherwise the Company cannot be responsible should the order be duplicated. The Company reserves the right to refuse any order placed, or to refuse cancellation of any order, or to suspend delivery of any order from time to time, if the account is in arrears.

11. WAIVER

A waiver by the Company at any term or condition shall not constitute a general waiver of such term or condition.

12. OWNERSHIP

(a) The property in the goods shall not be deemed to have passed to the Customer until the goods and any debts owing to the Company whether arising from this contract or otherwise have been paid for and discharged in full.

(b) In the meantime the goods shall remain the sole property of the Company and the Customer shall be bailee thereof.

(c) If the Customer fails to pay any sums due in accordance with the terms of this agreement the Company may after giving seven days notice in writing to the Customer take possession of the goods and may for that purpose, by himself his servants or agents, enter upon any land or premises on or in which the goods or any part of them are believed by the Company to be situated.

(d) The Customer agrees not to sell, assign, sub-let or otherwise part with the possession of the goods until the property in the goods passes to the Customer in accordance with the provisions of paragraphs (a) and (b)

(e) The risk of any loss or damage to or deterioration of the goods from whatever cause shall be borne by the Customer from when the Customer, his servants, licensees or agents receive possession of the goods

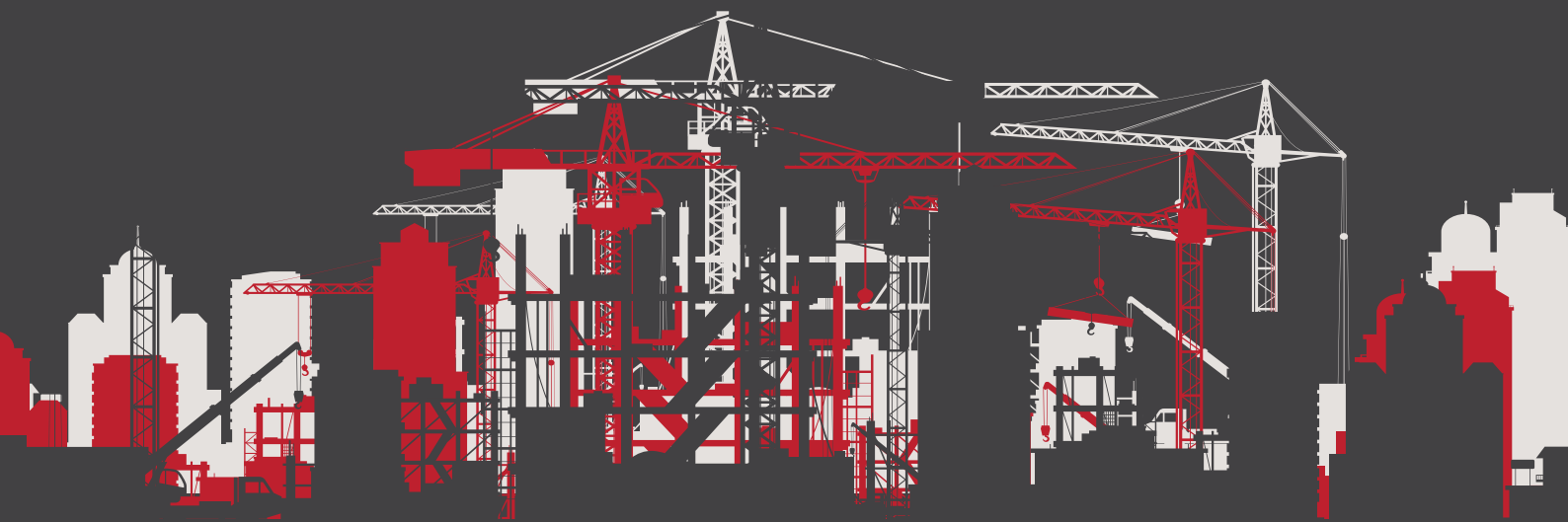
(f) If payment is overdue and not discharged, the Company may without prejudice to any of its rights and remedies and with due warning to the Customer by registered mail, recover and resell any or all such goods and may enter upon the Customer's premises for that purpose. Recovery costs will become the liability of the Customer and shall include all labour, tools, plant hire and all other relevant charges-costs.

13. CHOICE OF LAW

These conditions and the contract shall be subject to and construed in accordance with the laws of the Republic of Ireland. The Customer submits to the jurisdiction of the Irish Courts of Law.



WE SIMPLIFY, INNOVATE, ELEVATE



GARO ELECTRIC LTD

UNIT 18 - 19/307

NORTHWEST BUSINESS PARK

BALLYCOOLIN

D15AV81

TEL: 01 866 5360

SALES@GARO.IE

WWW.GARO.IE

WWW.GAROELECTRIC.COM

