



**GARO**<sup>®</sup>



**20  
26**



**Renewables**



**Industrial Plugs &  
Sockets**



**Electrification**



**Enclosed  
Switchgear**



**Industrial &  
Panel Building**

**Product  
Catalogue**

[www.garo.ie](http://www.garo.ie)

# Contents

## CONSUMER UNITS

Next Generation Surface Consumer Units	2
Next Generation Enhanced Wide Boards	3
Next Generation Flush Consumer Units	4
Shower Priority & Non Priority	5
EV and Solar Boards	6
Consumer Units Accessories	8

## ENCLOSURES

Plastic Enclosures	38
Junction Boxes IP67	38
Distribution Enclosures IP55	40
Distribution Enclosures IP40 - IP41	41
Argenta IP65 Metal Enclosures	42

## CIRCUIT PROTECTION & COMPONENTS

Miniature Circuit Breaker	10
Arc Fault Detection	15
Residual Current Circuit Breaker (RCCB)	17
Residual Current Breaker (RCBO)	18
Modular Isolator	21
Modular & Enclosed Changeover Switches	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	29
Bell Transformer - Door Chime	31
Terminal Blocks	31
Distribution Blocks	32
TPN Distribution Boards	34
Long RCBO 10 kA	35

## ENCLOSED SAFETY SWITCHES

Safety Switches AC	45
Safety Switches DC	45
Isolator Switches Enclosed IP53 IP55 IP65	46
Fuse Switches NH Type IP65 IP55	47
Modular Changeover Switches	47
Metal Clad Switchgear /ESB CT Chamber	48
Fuses & Fuse Bases	49

## EV CHARGING

Domestic Charger	52
Entity Pro Chargers	53
GTB+ Dual Chargers	55
LS4 Pillar Chargers	56
EV Accessories	57
Fast DC Charger 30kW	58
Rapid Chargers 60 kW, 120kW & 180kW	59

## INDUSTRIAL PLUGS & SOCKETS

Fast Finder	62
Plugtops	63
Couplers	66
Sockets & Inlets - Wall Mounting	68
3 Way - Connection Outlets	72
16A to 13A BS Adaptor	72
Panel Mounting Outlets & Inlet	73
Combination Units	77
Interlocked Socket Outlets	78
Pro Range	80

## DISTRIBUTION BLOCKS & PANEL ACCESSORIES

Distribution & Busbar Blocks	84
Power Terminals & Busbar Clamps	84

## ACB & MCCB

Air Circuit Breakers	85
Moulded Case Circuit Breakers	87
Power Contactors	89

## SOCOMEK SWITCHGEAR

ATyS Automatic Transfer Switch	90
Automatic Transfer Switch Enclosed	95
SIRCO Load Break Switches	96
SIRCO Changeover - Bypass Switch	103
Fuse Switches	105

## ENERGY MANAGEMENT

DIRIS Digiware	107
DIRIS A40	111
DIRIS Energy Metering	112
COUNTIS Energy Metering	114
Current Transformers	116
Resys Earth Leakage Relays & Core Balance Transformers	122

## UPS

Micro UPS up to 10kVA	123
-----------------------	-----



## Consumer Units - Surface

Innovate, Design, Deliver

### Next Generation Consumer Units

- ✓ **Surface & Flush Mounted Options**
- ✓ **Surge Protection**
- ✓ **Extra 6A MCB Included**
- ✓ **Space Saving RCBO's (6A x 2)**
- ✓ **Extended Busbars**
- ✓ **Spare Modules**
- ✓ **Main Switch / Breaker Options**
- ✓ **Options for Enhanced MIC**

## NEXT GENERATION OF CONSUMER UNITS - IP40 SURFACE WITH MAIN 10kA MCB



Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO's	Surge	Trade Price
G118B-8S	1	S1-18	18	5	63A DP MCB	63A DP	1 x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€232.00
G224B-8S	2	S2-24	24	11	63A DP MCB	63A DP	1 x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€246.00
G236B-8S	2	S2-36	36	23	63A DP MCB	63A DP	1 x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€256.00
G336B-8S	3	S3-36	36	23	63A DP MCB	63A DP	1 x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€266.00
G354B-8S	3	S3-54	54	41	63A DP MCB	63A DP	1 x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€290.00

## NEXT GENERATION OF CONSUMER UNITS - IP40 SURFACE UNITS WITH MAIN ISOLATOR



Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO	Surge	Trade Price
G118I-8S	1	S1-18	18	5	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€232.00
G224I-8S	2	S2-24	24	11	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€246.00
G236I-8S	2	S2-36	36	23	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€256.00
G336I-8S	3	S3-36	36	23	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€266.00
G354I-8S	3	S3-54	54	41	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4 x 20A via RCD	2x6A	Yes	€290.00



NEXT GENERATION OF CONSUMER UNITS - IP40 SURFACE ENHANCED WITH MAIN 10kA MCB

Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO's	Surge	Trade Price
G236B-8SE	2	S2-36	36	22	80A DP MCB	80A DP	1 x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€320.00
G354B-8SE	3	S3-54	54	40	80A DP MCB	80A DP	1 x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€346.00



NEXT GENERATION OF CONSUMER UNITS - IP40 SURFACE ENHANCED WITH MAIN ISOLATOR

Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO'S	Surge	Trade Price
G236I-8SE	2	S2-36	36	23	100A DP Isolator	80A DP	1x32A, 1x6A, 4x20A via RCD	2x6A	Yes	€320.00
G354I-8SE	3	S3-54	54	41	100A DP Isolator	80A DP	1x32A, 1x6A, 4x20A via RCD	2x6A	Yes	€346.00



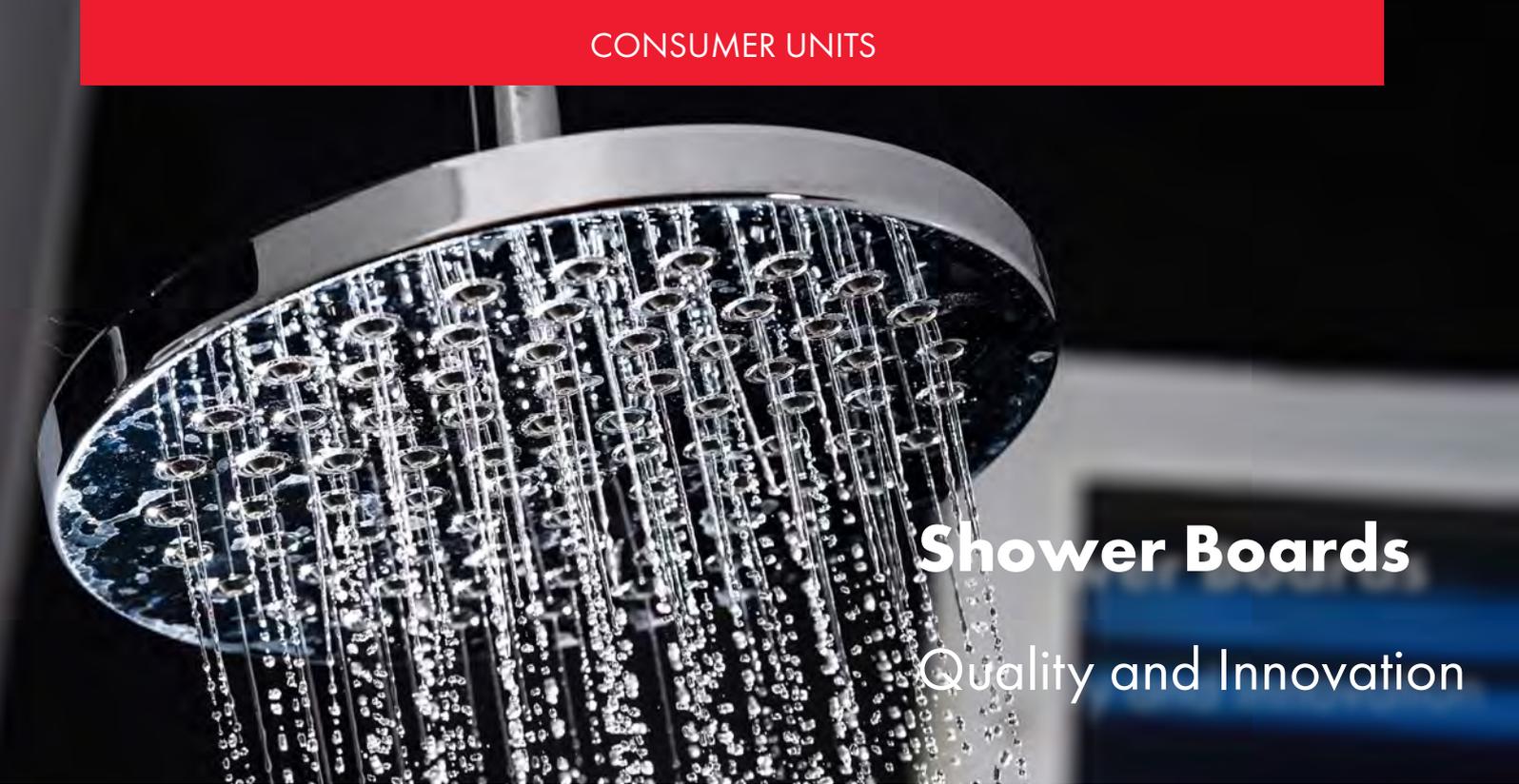
NEXT GENERATION OF CONSUMER UNITS - FLUSH WITH MAIN 10KA MCB

Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO'S	Surge	Trade Price
F114B-8S	1	GME14PO-PH-GO	14	1	63A DP MCB	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€264.00
F228B-8S	2	GME28PO-PH-GO	28	15	63A DP MCB	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€292.00
F342B-8S	3	GME42PO-PH-GO	42	29	63A DP MCB	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€314.00



NEXT GENERATION OF CONSUMER UNITS - FLUSH WITH MAIN ISOLATOR

Item	Rows	Enclosure	Total Modules	Free Modules	Incomer	RCCB	MCB	RCBO'S	Surge	Trade Price
F114I-8S	1	GME14PO-PH-GO	14	1	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€264.00
F228I-8S	2	GME28PO-PH-GO	28	15	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€292.00
F342I-8S	3	GME42PO-PH-GO	42	29	100A DP Isolator	63A DP	1x 32A, 1x 6A, 4x 20A via RCD	2x6A	Yes	€314.00



# Shower Boards

Quality and Innovation

## SHOWER BOARDS - PRIORITY & NON PRIORITY

Item	Enclosure	Incoming	Description	Relays	Timer	Trade Price
CV8-PS1	BV8PORR-GO	40A RCBO	Priority	1	0	€ 247.10
CV8-NPS	BV8PORR-GO	40A RCBO	Non Priority	2	0	€359.34
G13-3NPS	G1-13	40A RCBO	Non Priority	3	0	€ 660.74



# Meter Box

Protection Device

Revolutionary Standards

## MAIN OVERCURRENT 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	€ 37.69
G4-80B	CDN4G	4	2	MCB 80A 10KA type B	No	€57.99
G4-80C	CDN4G	4	2	MCB 80A 10KA type C	No	€ 57.99



**For use in conjunction with Consumers Units that include a Main Isolator.**

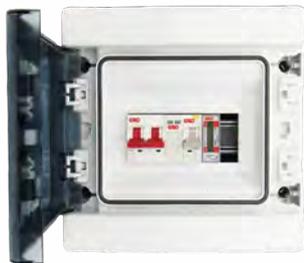


# EV & Solar Boards

## Sleek Design, Smart Power

### SOLAR BOARDS

Item	Enclosure	IP Rating	Surge	Checkmeter	Trade Price
GC8-SOLAR	GCUT 8	IP65	Yes	-	€138.02
GC8M-SOLAR	GCUT 8	IP65	Yes	C /w Checkmeter	€191.58



### EV BOARDS

Item	Enclosure	Incoming	IP Rating	Surge	Trade Price
GC6EV40	GCUT6	63 A MCB	65	-	€ 92.70
GC6EV40PME	GCUT6	RCBO A	65	Yes	€ 334.48
GC8EV40S	GCUT8	63 A MCB	65	Yes	€ 152.44



**NOTE: Other versions are available upon request. Please consult our E-mobility Team for assistance with your application**



# GARO Projects

## Elevate Your Electrical Projects with Garo

As a trusted partner in both domestic and commercial electrical installation, we at GARO understand your focus on delivering top-quality installation and maintenance while controlling costs. We share your commitment to excellence and efficiency, and we're excited to introduce our innovative electrical products custom designed to help you achieve these goals

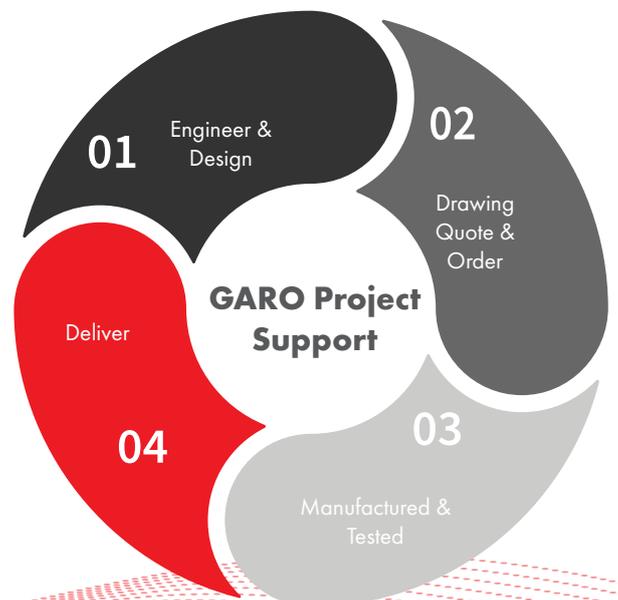
## Why Choose GARO?

User - friendly installation

Customisable Solutions

Comprehensive Warranty

Premium Materials



4-Step process to an easy install

[quotations@garo.ie](mailto:quotations@garo.ie)

# Consumer Unit Accessories

## CONSUMER UNIT ACCESSORIES

### Other Accessories

Item	Description	Trade Price
TRAN8-12-24	Bell Transformer 8V 12V 24 V	€20.05
GSPD-CARTRIDGE	Replacement Cartridge	€37.73
GSPDT2TNCKIT	Surge Protection Kit comprising: single module, surge arrester & L,N,E Cables	€45.01
S-1L-1000-10ISO	SP Busbar 57 mod 63A 1000mm 10sq	€ 19.19
S-1L-140-10	SP 10mm <sup>2</sup> 8mod busbar	€ 2.19
S-1L-210-10	SP 10mm <sup>2</sup> 12 mod 63A busbar	€ 4.36
G-2L-70-10	DP Busbar 4 mod 63A 66mm 10sq	€ 2.54
G-2L-106-10	DP Busbar 6 mod 63A 106mm 10sq	€ 4.24
G-2L-140-10	DP Busbar 8 mod 63A 140mm 10sq	€ 4.56
G-2L-210-10	DP Busbar 12 mod 63A 210mm 10sq	€ 6.52
ZA2W	Blanking strip white 1 metre length	€ 8.24
TC-1A	Blanking strip white 4.5 mods	€ 1.40
N7	Clip on Neutral Bar 7way 16 sq mm	€ 3.07
E7	Clip on Earth Bar 7way 16 sq mm	€ 2.98
ENDCAPSP	Endcap S/P busbar 10sq-16sq	€ 0.25
ENDCAPDP	End cap double pole busbar	€ 0.35
ENDCAPTP	End Cap Triple Pole Busbar	€ 0.61
EK-C-4-16	End Cap For 16 sq4 Pole Busbar	€ 0.84
1310501	Busbar covers SP DP TP Fork + Pin (Strip of 5)	€ 1.37



ZA2W



N7



# Circuit Protection & Components

For Modern Living



## MINIATURE CIRCUIT BREAKER 6kA CURVE B

### 1 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB 106	6	12	€ 7.72
MCB GRB 110	10	12	€ 7.72
MCB GRB 116	16	12	€ 7.72
MCB GRB 120	20	12	€ 7.72
MCB GRB 125	25	12	€ 7.72
MCB GRB 132	32	12	€ 7.72
MCB GRB 140	40	12	€ 10.26
MCB GRB 150	50	12	€ 17.68
MCB GRB 163	63	12	€ 20.89



1-Pole MCB 6kA

### 2 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB206	6	6	€ 21.52
MCB GRB210	10	6	€ 21.52
MCB GRB216	16	6	€ 21.52
MCB GRB220	20	6	€ 21.52
MCB GRB225	25	6	€ 21.52
MCB GRB232	32	6	€ 21.52
MCB GRB240	40	6	€ 26.87
MCB GRB250	50	6	€ 31.29
MCB GRB263	63	6	€ 37.15



2-Pole MCB 6kA

### 3 Pole 6kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GRB306	6	4	€ 30.00
MCB GRB310	10	4	€ 30.00
MCB GRB316	16	4	€ 30.00
MCB GRB320	20	4	€ 30.00
MCB GRB325	25	4	€ 30.00
MCB GRB332	32	4	€ 30.00
MCB GRB340	40	4	€ 30.74
MCB GRB350	50	4	€ 31.70
MCB GRB363	63	4	€ 31.70



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	€ 7.72
MCB GRC110	10	12	€ 7.72
MCB GRC116	16	12	€ 7.72
MCB GRC120	20	12	€ 7.72
MCB GRC125	25	12	€ 7.72
MCB GRC132	32	12	€ 7.72
MCB GRC140	40	12	€ 10.26
MCB GRC150	50	12	€ 17.68
MCB GRC163	63	12	€ 20.89



1-Pole MCB 6kA

### 2 Pole 6kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GRC206	6	6	€ 21.52
MCB GRC210	10	6	€ 21.52
MCB GRC216	16	6	€ 21.52
MCB GRC220	20	6	€ 21.52
MCB GRC225	25	6	€ 21.52
MCB GRC232	32	6	€ 21.52
MCB GRC240	40	6	€ 26.87
MCB GRC250	50	6	€ 31.29
MCB GRC263	63	6	€ 37.15



2-Pole MCB 6kA

### 3 Pole 6kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GRC306	6	4	€ 30.00
MCB GRC310	10	4	€30.00
MCB GRC316	16	4	€30.00
MCB GRC320	20	4	€30.00
MCB GRC325	25	4	€30.00
MCB GRC332	32	4	€30.00
MCB GRC340	40	4	€30.74
MCB GRC350	50	4	€31.70
MCB GRC363	63	4	€31.70



3-Pole MCB 6kA

## MINIATURE CIRCUIT BREAKER 10kA CURVE B

### 1-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GHB106	6	12	€ 9.09
MCB GHB110	10	12	€ 9.09
MCB GHB116	16	12	€ 9.09
MCB GHB120	20	12	€ 9.09
MCB GHB125	25	12	€ 9.09
MCB GHB132	32	12	€ 9.09
MCB GHB140	40	12	€ 11.86
MCB GHB150	50	12	€ 16.18
MCB GHB163	63	12	€ 16.18



1-Pole MCB 10kA

### 2-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GHB206	6	6	€ 18.18
MCB GHB210	10	6	€ 18.18
MCB GHB213	13	6	€ 18.18
MCB GHB216	16	6	€ 18.18
MCB GHB220	20	6	€ 18.18
MCB GHB225	25	6	€ 18.18
MCB GHB232	32	6	€ 18.18
MCB GHB240	40	6	€ 23.71
MCB GHB250	50	6	€ 32.36
MCB GHB263	63	6	€ 32.36



2-Pole MCB 10kA

### 3-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GHB306	6	4	€ 41.39
MCB GHB310	10	4	€ 41.39
MCB GHB316	16	4	€ 41.39
MCB GHB320	20	4	€ 41.39
MCB GHB325	25	4	€ 41.39
MCB GHB332	32	4	€ 43.45
MCB GHB340	40	4	€ 43.45
MCB GHB350	50	4	€ 45.86
MCB GHB363	63	4	€ 45.86



3-Pole MCB 10kA

## MINIATURE CIRCUIT BREAKER 10kA CURVE C

### 1-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GHC106	6	12	€ 9.09
MCB GHC110	10	12	€ 9.09
MCB GHC116	16	12	€ 9.09
MCB GHC120	20	12	€ 9.09
MCB GHC125	25	12	€ 9.09
MCB GHC132	32	12	€ 9.09
MCB GHC140	40	12	€ 11.86
MCB GHC150	50	12	€ 16.18
MCB GHC163	63	12	€ 16.18



1-Pole MCB 10kA

### 2-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GHC206	6	6	€ 18.18
MCB GHC210	10	6	€ 18.18
MCB GHC216	16	6	€ 18.18
MCB GHC220	20	6	€ 18.18
MCB GHC225	25	6	€ 18.18
MCB GHC232	32	6	€ 18.18
MCB GHC240	40	6	€ 23.71
MCB GHC250	50	6	€ 32.36
MCB GHC263	63	6	€ 32.36



2-Pole MCB 10kA

### 3-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GHC306	6	4	€ 41.39
MCB GHC310	10	4	€ 41.39
MCB GHC316	16	4	€ 41.39
MCB GHC320	20	4	€ 41.39
MCB GHC325	25	4	€ 41.39
MCB GHC332	32	4	€ 41.39
MCB GHC340	40	4	€ 41.78
MCB GHC350	50	4	€ 45.86
MCB GHC363	63	4	€ 45.86



3-Pole MCB 10kA

## MINIATURE CIRCUIT BREAKER 10kA CURVE D

### 1-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GHD106	6	12	€ 9.09
MCB GHD110	10	12	€ 9.09
MCB GHD116	16	12	€ 9.09
MCB GHD120	20	12	€ 9.09
MCB GHD125	25	12	€ 9.09
MCB GHD132	32	12	€ 9.09
MCB GHD140	40	12	€ 11.86
MCB GHD150	50	12	€ 16.18
MCB GHD163	63	12	€ 16.18



1-Pole MCB 10kA

### 2-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GHD206	6	6	€ 18.18
MCB GHD210	10	6	€ 18.18
MCB GHD216	16	6	€ 18.18
MCB GHD220	20	6	€ 18.18
MCB GHD225	25	6	€ 18.18
MCB GHD232	32	6	€ 18.18
MCB GHD240	40	6	€ 23.71
MCB GHD250	50	6	€ 32.36
MCB GHD263	60	6	€ 32.36



2-Pole MCB 10kA

### 3-Pole 10kA Curve - D

Item	Rated (A)	Packing Units	Trade Price
MCB GHD306	6	4	€ 41.39
MCB GHD310	10	4	€ 41.39
MCB GHD316	16	4	€ 41.39
MCB GHD320	20	4	€ 41.39
MCB GHD325	25	4	€ 41.39
MCB GHD332	32	4	€ 41.39
MCB GHD340	40	4	€ 43.45
MCB GHD350	50	4	€ 45.86
MCB GHD363	63	4	€ 45.86



3-Pole MCB 10kA

# ARC Fault Detection Enhanced Protection

LED Indicators and Diagnostics

Continuous Monitoring

Self Test Feature

Easy To Install

Various Applications

NEW



## 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.

### 2 Pole 6kA Curve B - Single Module

Item	Rated (A)	Characteristic	Modules	Trade Price
AFDGRB06	06	B	1	€ 181.04
AFDGRB10	10	B	1	€ 181.04
AFDGRB16	16	B	1	€ 181.04
AFDGRB20	20	B	1	€ 181.04
AFDGRB25	25	B	1	€ 181.04
AFDGRB32	32	B	1	€ 181.04
AFDGRB40	40	B	1	€ 181.04

### 2 Pole 6kA Curve B - Two Module

Item	Rated (A)	Characteristic	Modules	Trade Price
AFD2MGRB06	06	B	2	€ 176.81
AFD2MGRB10	10	B	2	€ 176.81
AFD2MGRB16	16	B	2	€ 176.81
AFD2MGRB20	20	B	2	€ 176.81
AFD2MGRB25	25	B	2	€ 176.81
AFD2MGRB32	32	B	2	€ 176.81
AFD2MGRB40	40	B	2	€ 176.81



## MINIATURE CIRCUIT BREAKER 15kA CURVE B 80 - 125Amp

### 1 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRB180	80	B	1.5	€ 22.07
MCBGRB1100	100	B	1.5	€ 24.23
MCBGRB1125	125	B	1.5	€ 26.50

### 2 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRB280	80	B	3	€ 44.13
MCBGRB2100	100	B	3	€ 48.57
MCBGRB2125	125	B	3	€ 52.38

### 3 Pole 10kA Curve B

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRB380	80	B	4.5	€ 66.16
MCBGRB3100	100	B	4.5	€ 72.80
MCBGRB3125	125	B	4.5	€ 79.40



## MINIATURE CIRCUIT BREAKER 15kA CURVE C 80 - 125Amp

### 1 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRC180	80	C	1.5	€ 22.07
MCBGRC1100	100	C	1.5	€ 24.75
MCBGRC1125	125	C	1.5	€ 26.50

### 2 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRC280	80	C	3	€ 44.13
MCBGRC2100	100	C	3	€ 48.57
MCBGRC2125	125	C	3	€ 52.38

### 3 Pole 10kA Curve C

Item	Rated (A)	Characteristic	Modules	Trade Price
MCBGRC380	80	C	4.5	€ 66.16
MCBGRC3100	100	C	4.5	€ 72.80
MCBGRC3125	125	C	4.5	€ 79.40



## RESIDUAL CURRENT CIRCUIT BREAKERS

### 10kA TYPE A

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
<b>2 Pole</b>						
GCD 25-2-03	25	2	2	30	25	€46.81
GCD 40-2-03	40	2	2	30	25	€39.76
GCD 40-2-1	40	2	2	100	25	€65.19
GCD 63-2-03	63	2	2	30	25	€45.30
GCD 63-2-1	63	2	2	100	25	€91.33
GCD 63-2-3	63	2	2	300	25	€91.33
GCD 63- 2-5	63	2	2	500	25	€85.70
GCD 80-2-03	80	2	2	30	25	€99.45
GCD 100-2-1	100	2	2	100	25	€120.49
GCD 100-2-3	100	2	2	300	25	€133.10



Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
<b>4 Pole</b>						
GCD 25-4-03	25	4	4	30	25	€81.07
GCD 40-4-03	40	4	4	30	25	€74.96
GCD 63-4-1	63	4	4	100	25	€112.20
GCD 63-4-03	63	4	4	30	25	€101.42
GCD 80-4-03	80	4	4	30	25	€137.12
GCD 100-4-03	100	4	4	30	25	€308.69
GCD 40-4-3	40	4	4	300	25	€82.42
GCD 63-4-3	63	4	4	300	25	€112.19
GCD 63-4-5	63	4	4	500	25	€112.19
GCD 80-4-3	80	4	4	300	25	€148.62
GCD 100-4-1	100	4	4	100	25	€282.02
GCD 100-4-3	100	4	4	300	25	€282.02



Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
<b>4 Pole Type B</b>						
GCD 63-4-03B	63A	4	4	30	25	€502.18
GCD 40-4-3B	40A	4	4	300	25	€548.95

## RESIDUAL CURRENT CIRCUIT BREAKERS - TYPE Selective

Selective - minimum time delay 40ms.

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
<b>2 Pole</b>						
GCD 63-2-1S	63	2	2	100	25	€143.96
GCD 63-2-3S	63	2	2	300	25	€143.96
<b>4 Pole</b>						
GCD 63-4-1S	63	4	4	100	25	€189.00
GCD 63-4-3S	63	4	4	300	25	€189.00



## 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 <sup>2</sup>	Trade Price
<b>2 Pole 6kA Curve B - TYPE A</b>						
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 GRB40	40	2	2	30	1-25	€ 49.08
RCBO GRB50E	50	2	2	30	1-25	€ 49.08
RCBO GRB63E	63	2	2	30	1-25	€ 49.08

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
<b>2 Pole 6kA Curve C - TYPE A</b>						
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 GRC40	40	2	2	30	1-25	€ 49.08
RCBO GRC50E	50	2	2	30	1-25	€ 49.08
RCBO GRC63E	63	2	2	30	1-25	€ 49.08



Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
<b>4 Pole 6kA Curve B - TYPE A</b>						
RCBO GSB06	6	4	3P+N	30	1-25	€ 136.00
RCBO GSB10	10	4	3P+N	30	1-25	€ 136.00
RCBO GSB16	16	4	3P+N	30	1-25	€ 136.00
RCBOGSB20	20	4	3P+N	30	1-25	€ 136.00
RCBO GSB25	25	4	3P+N	30	1-25	€ 136.00
RCBO GSB32	32	4	3P+N	30	1-25	€ 136.00

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
<b>4 Pole 6kA Curve C - TYPE A</b>						
RCBO GSC06	6	4	3P+N	30	1-25	€ 136.00
RCBO GSC10	10	4	3P+N	30	1-25	€ 136.00
RCBO GSC16	16	4	3P+N	30	1-25	€ 136.00
RCBO GSC20	20	4	3P+N	30	1-25	€ 136.00
RCBO GSC25	25	4	3P+N	30	1-25	€ 136.00
RCBO GSC32	32	4	3P+N	30	1-25	€ 136.00



## 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 <sup>2</sup>	Trade Price
<b>RCBO 10kA 2 Module B 30mA</b>						
RCBOGHB06	6	2	2	30	1-25	€ 45.28
RCBOGHB10	10	2	2	30	1-25	€ 45.28
RCBOGHB16	16	2	2	30	1-25	€ 45.28
RCBOGHB20	20	2	2	30	1-25	€ 45.28
RCBOGHB25	25	2	2	30	1-25	€ 45.28
RCBOGHB32	32	2	2	30	1-25	€ 45.28
RCBOGHB40	40	2	2	30	1-25	€ 45.28



Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
<b>RCBO 10 kA 2 Module C 30mA</b>						
RCBOGHC06	6	2	2	30	1-25	€ 45.28
RCBOGCB10	10	2	2	30	1-25	€ 45.28
RCBOGHC16	16	2	2	30	1-25	€ 45.28
RCBOGHC20	20	2	2	30	1-25	€ 45.28
RCBOGHC25	25	2	2	30	1-25	€ 45.28
RCBOGHC32	32	2	2	30	1-25	€ 45.28
RCBOGHC40	40	2	2	30	1-25	€ 45.28

## SINGLE MODULE RCBO 2 POLE 30mA BI-DIRECTIONAL

The 1 Mod 6kA range is Type A 1P + N RCBO .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 <sup>2</sup>	Trade Price
<b>2 Pole 6kA Curve B</b>						
RCBO1M2PB6	6	1	2	30	1-6	€ 39.14
RCBO1M2PB10	10	1	2	30	1-6	€ 39.14
RCBO1M2PB16	16	1	2	30	1-6	€ 39.14
RCBO1M2PB20	20	1	2	30	1-6	€ 39.14
RCBO1M2PB25	25	1	2	30	1-6	€ 39.14
RCBO1M2PB32	32	1	2	30	1-6	€ 39.14

<b>2 Pole 6kA Curve C</b>						
RCBO1M2PC6	6	1	2	30	1-6	€ 39.14
RCBO1M2PC10	10	1	2	30	1-6	€ 39.14
RCBO1M2PC16	16	1	2	30	1-6	€ 39.14
RCBO1M2PC20	20	1	2	30	1-6	€ 39.14
RCBO1M2PC25	25	1	2	30	1-6	€ 39.14
RCBO1M2PC32	32	1	2	30	1-6	€ 39.14



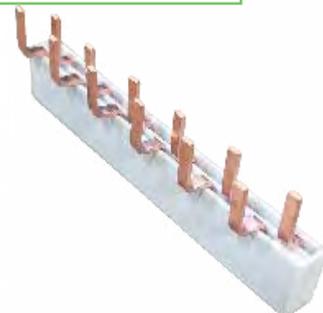
## CIRCUIT PROTECTION & COMPONENTS

### SINGLE MODULE RCBO 2 POLE 100mA BI- DIRECTIONAL (SOLAR)

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO1M2PB20-100	20	1	2	100	1-6	€ 39.14
RCBO1M2PB25-100	25	1	2	100	1-6	€ 39.14
RCBO1M2PB32-100	32	1	2	100	1-6	€ 39.14

### ACCESSORIES

Item	Description	Modular Length	For cable size mm <sup>2</sup>	Trade Price
DPB1M-4	1 Module DPN RCBO Busbar	4 Module		€ 4.24
DPB1M-8	1 Module DPN RCBO Busbar	8 Module		€ 7.73
DPB1M-12	1 Module DPN RCBO Busbar	12 Module		€ 11.01
AS-35-SLISOSO	Terminal Connector		35	€ 2.73



### SINGLE MODULE RCBO 1 POLE 30 mA UNSWITCHED NEUTRAL

#### 1 Pole 6kA Characteristic B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOL1PB6	6	1	1	30	1-6	€34.00
RCBOL1PB10	10	1	1	30	1-6	€34.00
RCBOL1PB16	16	1	1	30	1-6	€34.00
RCBOL1PB20	20	1	1	30	1-6	€34.00
RCBOL1PB25	25	1	1	30	1-6	€34.00
RCBOL1PB32	32	1	1	30	1-6	€34.00



### SINGLE MODULE RCBO 2 POLE 30 mA SWITCHED NEUTRAL BI -DIRECTIONAL

#### 2 Pole 6kA Characteristic B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOL2PB6	6	1	2	30	1-6	€ 43.55
RCBOL2PB10	10	1	2	30	1-6	€ 43.55
RCBOL2PB16	16	1	2	30	1-6	€ 43.55
RCBOL2PB20	20	1	2	30	1-6	€ 43.55
RCBOL2PB25	25	1	2	30	1-6	€ 43.55
RCBOL2PB32	32	1	2	30	1-6	€ 43.55
RCBOL2PB40	40	1	2	30	1-6	€ 43.55

### RCBO 6kA 2 MODULE 100mA CURVE B

#### 2 Pole 6kA Characteristic B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOGRB06-100	6	1	2	100	1-6	€ 36.69
RCBOGRB10-100	10	1	2	100	1-6	€ 36.69
RCBOGRB16-100	16	1	2	100	1-6	€ 36.69
RCBOGRB20-100	20	1	2	100	1-6	€ 36.69
RCBOGRB25-100	25	1	2	100	1-6	€ 36.69
RCBOGRB32-100	32	1	2	100	1-6	€ 36.69
RCBOGRB40-100	40	1	2	100	1-6	€ 36.69

## RCBO 6kA 2 MODULE 100mA CURVE C

### 2 Pole 6kA Characteristic C

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOGRC06-100	6	1	2	100	1-6	€ 36.69
RCBOGRC10-100	10	1	2	100	1-6	€ 36.69
RCBOGRC16-100	16	1	2	100	1-6	€ 36.69
RCBOGRC20-100	20	1	2	100	1-6	€ 36.69
RCBOGRC25-100	25	1	2	100	1-6	€ 36.69
RCBOGRC32-100	32	1	2	100	1-6	€ 36.69
RCBOGRC40-100	40	1	2	100	1-6	€ 36.69



## RCBO 4 POLE 100mA CURVE B TYPE A

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
<b>4 Pole 6kA 100 mA Curve B - TYPE A</b>						
RCBO GSB20-100	20	4	3P+N	100	1-25	€ 176.07
RCBO GSB25-100	25	4	3P+N	100	1-25	€ 176.07
RCBO GSB32-100	32	4	3P+N	100	1-25	€ 176.07



## RCBO 4 POLE 100mA CURVE C TYPE A

### 4 Pole 6kA 100mA Curve C - TYPE A

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GSC20-100	20	4	3P+N	100	1-25	€ 176.07
RCBO GSC25-100	25	4	3P+N	100	1-25	€ 176.07
RCBO GSC32-100	32	4	3P+N	100	1-25	€ 176.07

## MODULAR ISOLATOR

Item	Type	AC21-AC22 (A)	Modules	Poles	Operating Voltage V	For cable size mm <sup>2</sup>	Trade Price
<b>With dolly</b>							
GSV 1100	Isolator	100	1	1	230	35	€ 11.94
GSV 2100	Isolator	100	2	2	400	35	€ 25.03
GSV 3100	Isolator	100	3	3	400	35	€ 39.10
GSV 4100	Isolator	100	4	4	400	35	€ 55.85



GSV 2100

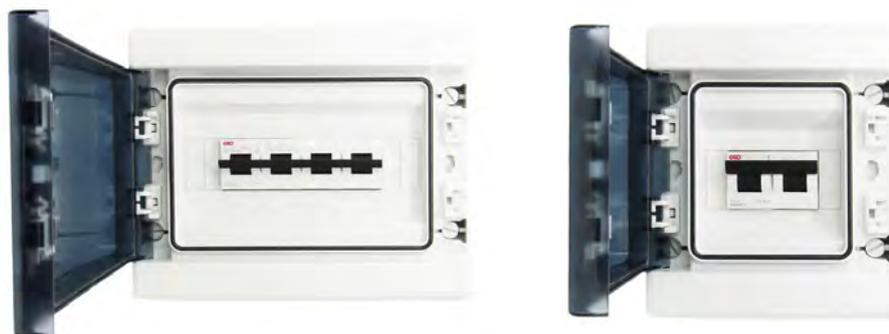
## MODULAR CHANGEOVER SWITCHES

Item	Type	Modules	Poles	Operating Voltage V	Trade Price
GCO2100	GCO	4	2	230	€ 36.50
GCO4100	GCO	8	4	440	€ 71.65



## ENCLOSED CHANGEOVER SWITCHES - PLASTIC

Item	Description	Dimensions	Trade Price
GCO2100IP65P	GCUT Enclosed 100A 2 Pole C/O 1-0-11	W 202 x H 231 x D 113	€ 85.72
GCO4100IP65P	GCUT Enclosed 100A 4 Pole C/O 1-0-11	W 310 x H 231 x D 148	€ 104.44



## ENCLOSED CHANGEOVER SWITCHES - METAL

Item	Description	Dimensions	Trade Price
GCO2100IP40M	Metal Enclosed 100A 2 Pole C/O 1-0-11	W 150 x H 260 x D 90	€ 82.32
GCO4100IP40M	Metal Enclosed 100A 4 Pole C/O 1-0-11	W 222 x H 260 x D 90	€ 96.22



## 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	€ 38.61
HOA 2	H-O-A	10	2	2	440	€ 46.12



## CIRCUIT PROTECTION & COMPONENTS

### 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	€ 100.34
DV2KT3	2	2	250V AC - 16(10)A	€ 166.68
DV1K1M	1	1	250V AC - 16(10)A	€ 146.46



ASTRO2KT3

Item	Modules	Channels	Relay Capacity	Timer	Trade Price
ASTRO1KT3	2	1	250V AC - 16(10)A	Dusk to dawn	€ 126.81
ASTRO2KT3	2	2	250V AC - 16(10)A	Dusk to dawn	€ 208.41

### SHOWER RELAY

Item	Description	Rated(A)	Voltage	Trade Price
LSR11	Load Drop relay 6,7	39A	230 Volt	€ 66.25

### 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	€ 49.29
V3M MEK	3	250V AC - 16(4)A	168 hours - 48 trips x 3.5 hrs	3.5 hours	+/- 52.5 mins	€ 112.84





TEST RELAYS & TIME LAG SWITCHES

Item	Description	Contact	Trade Price
DCTU	Emergency Light Test Relay - Din Rail mounting	1 x c-o	€ 69.39
GTA8	Staircase Timer 1 mod, 1 - 7 minutes		€ 45.43



KILOWATT HOUR METERS

Din rail mounted energy meters MID certified.

Item	Description	Measures	Modules	Rated Current (A)	Trade Price
GNM1D	Garo SP Meter 45A Pulse MID	KWH, KW, V & A	1	45	€ 82.01
GNM1D-RS485	Garo SP Meter 45A Modbus MID	KWH, KW, V & A	1	45	€ 96.63
GNM1D-100-RS485	Garo SP Meter 100A Bi-directional Modbus	KWH, KW, V & A	2	100	€ 182.21
GNM3D	Garo TP 65A Meter Pulse MID	KWH, KW, V & A	4	65	€ 188.54
GNM3D-RS485	Garo TP 65A Meter Modbus MID	KWH, KW, V & A	4	65	€ 205.04
GNM3TD	Garo MFM Dual RJ11 Input Pulse + Modbus	KWH, KW, V & A	4	160-630	€ 271.65
GNT160	160A TP CT RJ11 150 cm Lead		CT	160	€ 78.41
GNT250	250A TP CT RJ11 150 cm Lead		CT	250	€ 88.02
GNT630	630A TP CT RJ11 150 cm Lead		CT	630	€ 97.28
GNM3T-RS485	Garo MFM 5A CT Input Pulse + Modbus	KWH, KW, V & A	4	6000	€ 445.57
GDT36-300A	300 / 5A Split Core CT	Set of 3	-	300	€ 445.57
GDT36-600A	600 / 5A Split Core CT	Set of 3	-	600	€ 477.66
3MODDRKTGNM3T	3 Mod Doorkit GNM3T				€ 55.19



## CONTACTORS

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

### Modular contactors for Din Rail mounting

GK20-1NO1NC	1 NO + 1 NC	2	1	20	230	AC	€ 27.14
GK20-2NO	2 NO	2	1	20	230	AC	€ 38.11
GK20-2NC	2 NC	2	1	20	230	AC	€ 44.39
GK24-4NO	4 NO	4	2	25	230	AC-DC	€ 45.74
GK24-4NC	4 NC	4	2	25	230	AC-DC	€ 52.14
GK32-2NO	2 NO	2	1	32	230	AC-DC	€ 46.66
GK32-4NO	4 NO	4	2	32	230	AC-DC	€ 50.07
GK40-1NO	1 NO	1	1	40	230	AC-DC	€ 68.70
GK40-4NO	4 NO	4	3	40	230	AC-DC	€ 109.23
GK40-2NO2NC	2 NO + 2 NC	4	3	40	230	AC-DC	€ 143.95
GK63-4NO	4 NO	4	3	63	230	AC-DC	€ 143.72
GKD	Distance Piece, 12gm, temperatures < 40 ° C					0,5	€ 5.11
GKN 11	Auxiliary Contacts						€ 25.90



## SWITCHFUSE TYPE DO

Item	Poles	Max Rated Current A	Modules	Trade Price
STVDO 21P	1	63	1.5	€ 19.22
STVDO 22P	2	63	3	€ 53.16
STVDO 23P	3	63	4.5	€ 74.44

Fuses on page 49



## ACCESSORIES

Item	Description	Max Rated Current A	Trade Price
S-1L-27-1000	16mm2 1-Phase Busbar for STV	80	€ 57.05
S-3L-27-1000	16mm2 3-Phase Busbar for STV	80	€ 72.12

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

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
<b>CLASS 1 SURGE PROTECTION DEVICES</b>							
BSR 275 3pol	3	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	€ 725.27
BSR 275 4pol	4	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	€ 960.79
GPTT1-300-3+OLHR	3	1, 11	yes	12.5KA per pole	40KA per pole	160A gl	€ 242.44
GPTT1-300-4+OLHR	4	1, 11	yes	12.5KA per pole	40KA per pole	160A gl	€ 314.58

BSR275

Category IEC-EN :

Class 1 - Type 1

Location of use :

Main distribution board

Network:

TNC-S

In (8-20) :

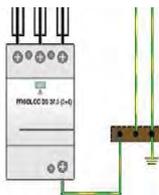
25kA per pole

Imax (8-20) :

100kA per pole

Standard :

IEC61643-1

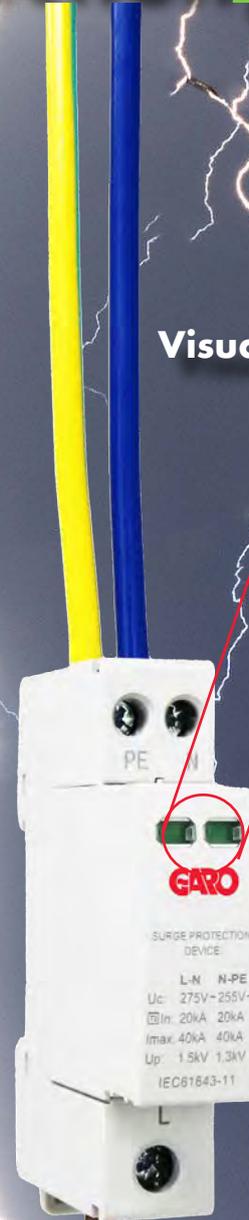


# Protecting Homes with GARO Surge Protection

**NEW**

**Visual Status Indicator**

- Enhanced Safety
- Easy Installation
- Compact Design
- High Durability
- Compliance and Certification



## SURGE PROTECTION DEVICES

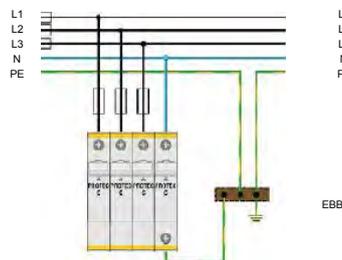
Item	Poles	Class	Signal Relay	Nominal Current In (8/20)	Back up Fuse Maximum	Trade Price
<b>CLASS 11 SURGE PROTECTION DEVICES</b>						
GPTT2-300-1-0	1	11	no	20KA per pole	125A	€ 39.74
GPTT2-300-1-0-R	1	11	yes	20KA per pole	125A	€ 55.50
GPTT2-300-2-0	2	11	no	20KA per pole	125A	€ 74.18
GPTT2-300-2-0-R	2	11	yes	20KA per pole	125A	€ 97.68
GPTT2-300-3-0	3	11	no	20KA per pole	125A	€ 114.37
GPTT2-300-3-0-R	3	11	yes	20KA per pole	125A	€ 144.79
GPTT2-300-4-0	4	11	no	20KA per pole	125A	€ 152.48
GPTT2-300-4-0-R	4	11	yes	20KA per pole	125A	€ 187.86
GPT275plug	1	11	yes	20KA per pole	125A	€ 52.56
GSPDT2TNC	2	11	no	20kA per pole	100A	€ 43.76
GSPD-CARTRIDGE	2	11	no	20kA per pole	100A	€ 37.73



### Surge Protection Kit

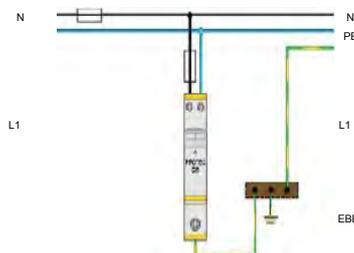
Item	Trade Price
GSPDT2TNCKIT Surge Protection Kit Comprising 2 Pole Surge, Earth Cable & Busbar	€43.76

Category IEC-EN : Class 11 - Type 11  
 Location of use : Main - Sub distribution board  
 Network : TNC-S  
 In (8-20) : 20kA per pole  
 I<sub>max</sub> (8-20) : 50kA per pole  
 Standard : IEC61643-1



Item	Poles	Class	Signal Relay	Impulse Current (10-350)µS	Max Current (8-20)µS	Backup Fuse Maximum	Trade Price
<b>CLASS 111 SURGE PROTECTION DEVICES</b>							
PDM 320	1	111	no	n-a	10KA per pole	63A	€ 122.14
PDMR 320	1	111	yes	n-a	10KA per pole	63A	€ 143.26
PDM 320plug	1	111	yes	n-a	10KA per pole	63A	€ 110.20
GTS 170	1	111	yes	n-a	20KA per pole	63A	€ 156.45
GTS 170plug	1	111	no	n-a	20KA per pole	63A	€ 129.72

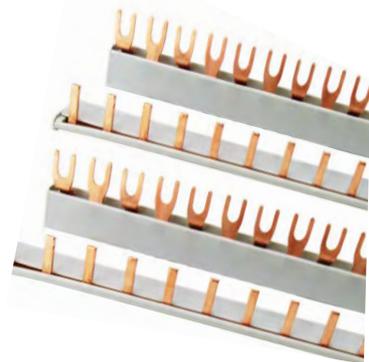
Category IEC-EN : Class 111 - Type 111  
 Location of use : Sub - Local distribution board  
 Network : TNC-S  
 In (8-20) : 5kA per pole  
 I<sub>max</sub> (8-20) : 10kA per pole  
 Standard : IEC61643-1



# Ensuring Your Safety: With Pin & Fork Type Busbar

## BUSBAR

Item	Description	Current capacity with end input (A)	Current capacity with central input (A)	Trade Price
<b>Pin type busbar with insulation</b>				
S-1L-1000-10I	10 mm <sup>2</sup> 1-phase, 57 mod	63	100	€ 19.19
S-2L-1000-10	10 mm <sup>2</sup> 2-phase, 57 mod	63	100	€ 34.21
S-3L-1000-10	10 mm <sup>2</sup> 3-phase, 57 mod	63	100	€ 38.61
S-3L-1000-16	16 mm <sup>2</sup> 3-phase, 57 mod	80	130	€ 58.80
S-4L-1000-16	16 mm <sup>2</sup> for 4 Pole RCCB	80	130	€ 83.89
S-1L-2MOD-10ISO	10mm <sup>2</sup> 1-phase 2mod insulated busbar	63	100	€ 0.81
S-1L-27-1000	16 mm <sup>2</sup> 1-phase for do - neozed fuse holders	80	130	€ 57.05
S-3L-27-1000	16 mm <sup>2</sup> 3-phase, for do - neozed fuse holders	80	130	€ 72.12
S-1L-14-10I	10 mm <sup>2</sup> 1-phase, 8 mod	63	100	€ 2.38
S-1L-210-10ISO	10 mm <sup>2</sup> 1-phase, 12 mod	63	100	€ 4.74
S-1L-100-16ISO	16 mm <sup>2</sup> 1-phase, 57 mod	80	80	€ 16.92
<b>Fork type busbar with insulation</b>				
G-1L-1000-10ISO	10 mm <sup>2</sup> 1-phase, 57 mod	63	100	€ 17.96
G-2L-1000-10M5	10 mm <sup>2</sup> 2-phase, 57 mod	63	100	€ 34.05
G-3L-1000-10CM5	10 mm <sup>2</sup> 3-phase, 57 mod	63	100	€ 36.98
G-L1-N-L2-N-L	16 mm <sup>2</sup> 3-phase+N, 57 mod	80	130	€ 92.73
G-4L-1000-16	16 mm <sup>2</sup> 3-phase+N	80	130	€ 81.47
G-2L-1000-16	16 mm <sup>2</sup> 2-phase, 57 mod	80	130	€ 37.90
G-3L-1000-16	16 mm <sup>2</sup> 3-phase, 57 mod	80	130	€ 55.17
G-3L-27-1000	16mm 3 Phase DO Fuse	80	130	€ 70.37
<b>Busbar Covers</b>				
1310501	Busbar covers SP DP TP Fork + Pin			€ 1.37



## ACCESSORIES

Item	Description	Trade Price
<b>Terminals and Connectors</b>		
AS25-SN	Cable Connector Pin to suit 25 mm <sup>2</sup> cable	€ 2.67
AS25-GN	Cable Connector Fork to suit 25 mm <sup>2</sup> cable	€ 2.67
AS35-S	Cable Connector Pin to suit 35 mm <sup>2</sup> cable	€ 3.00
AS-35-SLISOSO	Cable Connector Pin to suit 35 mm <sup>2</sup> cable. 27mm PITCH	€ 2.73
AS50-SN	Cable Connector Pin to suit 50 mm <sup>2</sup> cable. 15mm PITCH	€ 4.75
E7	Earth Terminal Block 7 Way 16 mm <sup>2</sup> clips on to DIN rail	€ 2.98
N7	Neutral Terminal Block 7 Way 16 mm <sup>2</sup> clips on to DIN rail	€ 3.07
BRASS 3LA	18 Way Brass Terminal for LA Consumer Units	€ 7.74
BRASSBAR1M	Neutral or Earth Bar 6.5 x 9 x 1000mm 153 way	€ 28.57
KKS1-2	Supports for N-E Terminal Bar (1 metre)	€ 1.55
E15	Earth Terminal 15Way Clip-On	€ 16.71
N15	Neutral Terminal 15Way Clip-On	€ 16.07
NPE35	Earth - Neutral Terminal 160A to suit 35 mm <sup>2</sup> cable	€ 17.30
NPE120	Earth - Neutral Terminal 250A to suit 120 mm <sup>2</sup> cable	€ 55.55
TBN185	Earth - Neutral Terminal 400A to suit 185 mm <sup>2</sup> cable	€79.37
DISCT6US	Disconnect Test Terminal	€ 6.91
EPDISCT6U	End Plate for Disconnect Terminal	€ 0.59
ENDCAPSP	Endcap S/P busbar 10sq-16sq	€ 0.25
ENDCAPDP	End cap Double Pole Busbar	€ 0.35
ENDCAPTP	End Cap Triple Pole Busbar	€ 0.61
EK-C-4-16	End Cap For 16 sq4 Pole Busbar	€ 0.84



AS-35-SLISOSO



N7



AS25-GN



AS50-SL



AS25-SN



E7



## 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)			€ 17.69



BIM85

## BLANKING STRIP PLASTIC

Item	Description	Trade Price
TC-1A	4.5 modules - easily cut into desired size	€ 1.40
ZA2W	57 modules (1 metre)	€ 8.24



ZA2W

## TERMINAL BLOCKS DNO

Item	Description	Trade Price
DNO5B	100 A 5P connector Black	€ 6.54
DNO5E	100 A 5P connector Green	€ 6.54
DNO5G	100 A 5P connector Grey	€ 6.54
DNO5N	100 A 5P connector Blue	€ 6.54
DNO5P	100 A 5P connector Brown	€ 6.54



## TERMINAL BLOCKS

Item	Class	Size	Colour	Trade Price
GKL 1x50 GRE	Terminal Block A Class	1 x 50	Grey	€ 5.02
GKL 2x50 GRE	Terminal Block A Class	2 x 50	Grey	€ 9.13
GKL 1x50 BLE	Terminal Block A Class	1 x 50	Blue	€ 5.02
GKL 2x50 BLE	Terminal Block A Class	2 x 50	Blue	€ 9.13
GKL 1x50 G-G	Terminal Block A Class	1 x 50	Green/Ylw	€ 5.02
GKL 2x50 G-G	Terminal Block A Class	2 x 50	Green/Ylw	€ 9.13
GKL 1x95 GRE	Terminal Block A Class	1 x 95	Grey	€ 12.68
GKL 2x95 GRE	Terminal Block A Class	2 x 95	Grey	€ 24.53
GKL 1x95 BLE	Terminal Block A Class	1 x 95	Blue	€ 12.68
GKL 2x95 BLE	Terminal Block A Class	2 x 95	Blue	€ 24.53
GKL 1x95 G-G	Terminal Block A Class	1 x 95	Green/Ylw	€ 12.68
GKL 2x95 G-G	Terminal Block A Class	2 x 95	Green/Ylw	€ 24.53
GKL 1x150 GRE	Terminal Block A Class	1 x 150	Grey	€ 21.29
GKL 2x150 GRE	Terminal Block A Class	2 x 150	Grey	€ 43.05
GKL 1x150 BLE	Terminal Block A Class	1 x 150	Blue	€ 21.29
GKL 2x150 BLE	Terminal Block A Class	2 x 150	Blue	€ 43.05
GKL 1x150 G-G	Terminal Block A Class	1 x 150	Green/Ylw	€ 21.29
GKL 2x150 G-G	Terminal Block A Class	2 x 150	Green/Ylw	€ 43.05
GKL 1x240 GRE	Terminal Block A Class	1 x 240	Grey	€ 33.43
GKL 2x240 GRE	Terminal Block A Class	2 x 240	Grey	€ 56.73
GKL 1x240 BLE	Terminal Block A Class	1 x 240	Blue	€ 33.43
GKL 2x240 BLE	Terminal Block A Class	2 x 240	Blue	€ 56.73
GKL 1x240 G-G	Terminal Block A Class	1 x 240	Green/Ylw	€ 33.43



# Distribution Blocks

## Streamlined Power

### DISTRIBUTION BLOCKS

Item	Description	Innputs/Outputs	L x H x D (mm)	Trade Price
GDB80	80A 1 Pole Distribution Blocks	1 x 16sq In, 6 Outputs	28 x 66 x 47	€ 6.78
GDB125	125A 1 Pole Distribution Blocks	1 x 35sq In 7 Outputs	28 x 74 x 48	€ 16.04
GDB160	160A 1 Pole Distribution Blocks	1 x 70sq In, 7 Outputs	28 x 74 x 48	€ 17.59
GDB250	250A 1 Pole Distribution Blocks	1 x 120sq In 11, Outputs	47 x 95 x 50	€ 42.28
GDB400	400A 1 Pole Distribution Blocks	1 x 185sq In 11, Outputs	47 x 95 x 50	€ 42.31
GDB500	500A 1 Pole Distribution Blocks	1 x Bar In, 11 Outputs	47 x 95 x 50	€ 29.42
GDB8407	125A 4 Pole Short Busbar Block	7 Outputs Per Pole	65 x 85 x 50	€ 11.12
GDB8411	125A 4 Pole Medium Busbar Block	11 Outputs Per Pole	100 x 85 x 50	€ 16.70
GDB8415	125A 4 Pole Long Busbar Block 20kA	14 Outputs Per Pole	135 x 85 x 50	€ 20.47



GDB8415



GDB400

# TPN Boards

Safety, Strength and Smart Distribution



## Why Choose GARO TPN Boards?

- Safe and reliable power distribution, every time.
- Effortless installation and flexible configuration.
- Long-lasting performance, engineered to withstand demanding conditions.
- GARO TPN Boards — Smart, safe, and built to last.

## 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 250A Supplied with 100A Isolator & Surge Protection Device

Item	Ways	Surge	Rating (A)	Height mm	Width mm	Depth mm	Trade Price
DTPN12	12	Yes	100A	675	460	130	€ 390.35
DTPN18	18	Yes	100A	730	460	130	€ 420.11
DTPN24	24	Yes	100A	783	460	130	€ 454.54
DTPN36	36	Yes	100A	891	460	130	€ 519.89
DTPN48	48	Yes	100A	999	460	130	€ 596.77
DTPNHEADER	TPN Header						€ 167.63
DTPNCABLE	TPN Cable Entry Plate						€ 15.96
DTPN250KIT			250A	250A Switch Kit for TPN Boards			€217.96

### Metal TPN Boards 250A Accessories

Item	Description	Trade Price
METAL BLANK	1 Mod Metal Blank	€ 0.61
GCD100-4-03	4 Pole 100A 30mA RCCB	€308.69
GNM3TD-CT160	Multi function meter c/w 160CT GNT(160)	€ 346.46
GCD100-4-1	4 Pole 100A 100mA RCCB	€282.02
GCD100-4-3	4 Pole 100A 300mA RCCB	€282.02



## SINGLE MODULE RCBO 1 POLE 30 mA UNSWITCHED NEUTRAL LONG

### 1 Pole 10kA Characteristic B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLGHB06	6	1	1	30	1-6	€ 37.39
RCBOLGHB10	10	1	1	30	1-6	€ 37.39
RCBOLGHB16	16	1	1	30	1-6	€ 37.39
RCBOLGHB20	20	1	1	30	1-6	€ 37.39
RCBOLGHB25	25	1	1	30	1-6	€ 37.39
RCBOLGHB32	32	1	1	30	1-6	€ 37.39
RCBOLGHB40	40	1	1	30	1-6	€ 37.39

### 1 Pole 10kA Characteristic C

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLGHC06	6	1	1	30	1-6	€ 37.39
RCBOLGHC10	10	1	1	30	1-6	€ 37.39
RCBOLGHC16	16	1	1	30	1-6	€ 37.39
RCBOLGHC20	20	1	1	30	1-6	€ 37.39
RCBOLGHC25	25	1	1	30	1-6	€ 37.39
RCBOLGHC32	32	1	1	30	1-6	€ 37.39
RCBOLGHC40	40	1	1	30	1-6	€ 37.39



## MINIATURE CIRCUIT BREAKER 10kA CURVE B

### 1-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GHB106	6	12	€9.09
MCB GHB110	10	12	€9.09
MCB GHB116	16	12	€9.09
MCB GHB120	20	12	€9.09
MCB GHB125	25	12	€9.09
MCB GHB132	32	12	€9.09
MCB GHB140	40	12	€11.86
MCB GHB150	50	12	€16.18
MCB GHB163	63	12	€16.18



### 3-Pole 10kA Curve - B

Item	Rated (A)	Packing Units	Trade Price
MCB GHB306	6	4	€ 41.39
MCB GHB310	10	4	€ 41.39
MCB GHB316	16	4	€ 41.39
MCB GHB320	20	4	€ 41.39
MCB GHB325	25	4	€ 41.39
MCB GHB332	32	4	€ 41.39
MCB GHB340	40	4	€ 43.45
MCB GHB350	50	4	€ 45.86
MCB GHB363	63	4	€ 45.86



## MINIATURE CIRCUIT BREAKER 10kA CURVE C

### 1-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GHC 106	6	12	€ 9.09
MCB GHC 110	10	12	€ 9.09
MCB GHC 116	16	12	€ 9.09
MCB GHC 120	20	12	€ 9.09
MCB GHC 125	25	12	€ 9.09
MCB GHC 132	32	12	€ 9.09
MCB GHC 140	40	12	€ 11.86
MCB GHC 150	50	12	€ 16.18
MCB GHC 163	63	12	€ 16.18



### 3-Pole 10kA Curve - C

Item	Rated (A)	Packing Units	Trade Price
MCB GHC 306	6	4	€ 41.39
MCB GHC 310	10	4	€ 41.39
MCB GHC 316	16	4	€ 41.39
MCB GHC 320	20	4	€ 41.39
MCB GHC 325	25	4	€ 41.39
MCB GHC 332	32	4	€ 41.39
MCB GHC 340	40	4	€ 43.45
MCB GHC 350	50	4	€ 45.86
MCB GHC 363	63	4	€ 45.86



# Enclosures

Built to Last, Built to Perform

Transparent, reversible, sealable doors.

Made of durable, halogen-free plastic.

Includes dust caps for wall-mounting screws.

Secured with 1-4 quick-locking screws.

Supports for mounting plates included.

Metric-sized cable entries

Weatherproof

# 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 are metric.

Item	Description	IP Rating	Width mm	Height mm	Depth mm	Trade Price
BT2 - GO	1 x 2 Mod Enclosure	20	53	133	80	€ 3.47
BT4 - GO	1 x 4 Mod Enclosure	20	100	133	85	€ 5.37
BV4PTRR - GO	1 x 4 Mod Enclosure Transparent Window	40	180	228	120	€ 23.06
BV8PTRR - GO	1 x 8 Mod Enclosure Transparent Window	40	105	228	191	€ 30.91
CDN 4G	1 x 4 Mod Enclosure	65	84	174	111	€ 24.97
GCUT 4	1 x 4 Modules DIN Rails	65	166	231	113	€ 34.18
GCUT 6	1 x 6 Modules DIN Rails	65	202	231	113	€ 39.47
GCUT 8	1 x 8 Modules DIN Rails	65	238	231	118	€ 45.14
GCUT 112	1 x 12 Modules DIN Rails	65	310	246	148	€ 54.52
GCUT 118	1 x 18 Modules DIN Rails	65	418	246	148	€ 85.70
GCUT 224	2 x 12 (24) Modules DIN Rails	65	310	436	148	€ 91.00
GCUT 236	2 x 18 (36) Modules DIN Rails	65	418	436	148	€ 122.25
GCUT 336	3 x 12 (36) Modules DIN Rails	65	310	586	148	€ 125.70
GCUT 354	3 X 18 (54) Modules DIN Rails	65	418	586	148	€ 176.44
GCUT448	4 X (48) Modules DIN Rails	65	310	870	148	€ 223.40
GCUT472	4X (72) Modules DIN Rails	65	418	872	148	€ 240.22
** Din rails can be mounted at two different heights						
GCUT N - E	N + E Bar for GCUT 112 - GCUT 354					€ 24.28
GCUTKL	KEYLOCK for GCUT					€ 24.75



BT2 - GO



BT4 - GO



GCUT448



GCUT 336



GCUT 224



GCUT 112



GCUT 6



GCUT 4

## JUNCTION BOXES IP67

### Junction Boxes with plain sides

Item	IP Rating	Height mm	Width mm	Depth mm	Trade Price
EL111	67	108	108	64	€ 4.31
EL161	67	116	162	76	€ 6.90
EL171	67	151	175	95	€ 11.05
EL231	67	180	241	95	€ 14.81
EL322	67	239	328	129	€ 37.84



Junction Box plain sides



## IP65 Aluminium



Internal



Back

- Sleek Design & High Resistance
- Strong, Durable & Discrete
- Outdoors or Indoors Applications

- Easy Installation
- Competitively priced
- Great Stock Availability

## DISTRIBUTION ENCLOSURES IP65

Item	Description	Trade Price
GM5-5D	MCU 5 Module, IP65	€ 58.49



## DISTRIBUTION ENCLOSURES IP 40 - IP41 14 MODULES - 70 MODULES

## GMST Metal Enclosures

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
GMST1-14	40	14	1	390	345	122	€ 183.02
GMST2-28	40	28	2	390	510	122	€ 205.08
GMST3-42	40	42	3	390	630	122	€ 239.42
GMST4-56	40	56	4	390	755	122	€ 272.84
GMST5-70	40	70	5	390	880	122	€ 284.92



## 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	€ 349.06
MSI 48-1C	40	48	4	315	680	145	€ 391.58
MSI 90-2C	40	90	3	610	530	145	€ 481.08
MSI120-2C	40	120	4	610	680	145	€ 572.82
MSSKL	Lock and key set for MSI cabinets						€ 46.54
TFSO	Flat Flange Size 11						€ 8.02



## Plastic Enclosures - Surface Mounting

Item	IP Rating	Modules	Rows	Width mm	Height mm	Trade Price
CDN4G	41	4	1	84	174	€ 24.97
S1-18	41	18	1	285	293	€ 50.22
S2-24	41	24	2	285	419	€ 54.48
S3-36	41	36	3	285	544	€ 63.43
S2-36	41	36	2	393	419	€ 66.31
S3-54	41	54	3	393	544	€ 96.08



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	€ 74.93
GME28PO-PH-GO	41	28	2	354	502	87	€ 94.66
GME42PO-PH-GO	41	42	3	354	627	87	€ 122.64
GME56PO-PH-GO	41	56	4	354	725	87	€ 184.25
GME70PO-PH-GO	41	72	5	354	877	87	€ 275.04



GME42PO-PH-GO



GME28PO-PH-GO

# ARGENTA IP65 METAL ENCLOSURES

The ARGENTA Series comprises a group of metal enclosures suitable for housing switchgear, controlgear and other equipment used in the supply and distribution of electricity.

The enclosures are made with high quality materials in cold-rolled steel plate of up to 2mm thick and coated with RAL 7035 hardened epoxy-polyester paint. Degree of Protection : IP65

## Metal Cabinets - All Cabinets comes with a Mounting Plate

Item	Height mm	Width mm	Depth mm	Trade Price
GN302015-GO	300	200	150	€89.04
GN302515-GO	300	250	150	€89.74
GN303015-GO	300	300	150	€ 101.30
GN403015-GO	400	300	150	€ 104.47
GN403020-GO	400	300	200	€ 119.98
GN404020-GO	400	400	200	€ 133.73
GN504020-GO	500	400	200	€ 155.17
GN504025-GO	500	400	250	€ 156.73
GN505025-GO	500	500	250	€ 184.71
GN604020-GO	600	400	200	€ 166.27
GN604025-GO	600	400	250	€ 177.50
GN604030-GO	600	400	300	€ 205.09
GN605025-GO	600	500	250	€ 202.69
GN606025-GO	600	600	250	€ 242.42
GN606030-GO	600	600	300	€ 269.61
GN705020-GO	700	500	200	€ 220.01
GN806020-GO	800	600	200	€ 280.33
GN806025-GO	800	600	250	€ 302.28
GN806030-GO	800	600	300	€ 333.78
GN808030-GO	800	800	300	€ 444.18
GN806040-GO	800	600	400	€ 385.77
GN1006025-GO	1000	600	250	€ 405.00
GN1008030-GO	1000	800	300	€ 499.51
GN1008040-GO	1000	800	400	€ 570.82
GN12010030-GO	1200	1000	300	€ 661.60
GN1206030-GO	1200	600	300	€ 454.62
GN1208040-GO	1200	800	400	€ 628.47



## Argenta Chassis

Item	Description	Trade Price
CH3025-1520	Argenta Chassis 2 x 8 (16 mod)	€53.72
CH3030-1520	Argenta Chassis 2 x 11 (22 mod)	€64.66
CH4030-1520	Argenta Chassis 3 x 11 (33 mod)	€63.93
CH4040-1520	Argenta Chassis 3 x 15 (45 mod)	€74.70
CH4040-2530	Argenta Chassis 3 x 15 (45 mod)	€83.20
CH4060-2530	Argenta Chassis 3 x 26 (78 mod)	€89.78
CH4060-2530	Argenta Chassis 3 x 26 (78 mod)	€99.02
CH5040-1530	Argenta Chassis 3 x 16 (48 mod)	€71.96
CH5040-2530	Argenta Chassis 3 x 16 (48 Mod)	€85.37
CH6040-1520	Argenta Chassis 4 x 16 (64 Mod)	€77.36
CH6040-2530	Argenta Chassis 4 x 16 (64 Mod)	€85.50
CH6060-1520	Argenta Chassis 4 x 26 (104 Mod)	€102.36
CH6060-2530	Argenta Chassis 4 x 26 (104 Mod)	€113.27
CH7050-1520	Argenta Chassis 4 x 22 (110 Mod)	€109.03
CH7050-2530	Argenta Chassis 5 x 22 (110 Mod)	€120.79
CH8060-1520	Argenta Chassis 4 x 26-1X24 (128 Mod)	€121.50
CH8060-2530	Argenta Chassis 4 x 26-1X24 (128 Mod)	€124.07
CH8080-1520	Argenta Chassis 5 x 28 (190 Mod)	€180.00
CH8080-2530	Argenta Chassis 5 x 28 (190 Mod)	€198.00
CH10060-2530	Argenta Chassis 6 x 26 (156 Mod)	€155.89
CH10080-2530	Argenta Chassis 6 x 38 (228 Mod)	€212.33
CH10080-40	Argenta Chassis 6 x 38 (228 Mod)	€243.23



# Enclosed Switchgear

Durable & Dependable



## ENCLOSED SAFETY SWITCHES

### SAFETY SWITCHES ENCLOSED - AC & SOLAR DC - IP65 ABS

#### 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	€31.40
SS 325 IP65	25	3	65	100	125	72	€33.74
SS 332 IP65	32	3	65	100	125	72	€37.00
SS 340 IP65	40	3	65	125	175	90	€42.79
SS 363 IP65	63	3	65	125	175	90	€44.15
SS 380 IP65	80	3	65	190	280	130	€93.08
SS 3100 IP65	100	3	65	190	280	130	€116.01
SS 3125 IP65	125	3	65	190	280	130	€132.66



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	€35.17
SS 425 IP65	25	4	65	100	125	72	€37.77
SS 432 IP65	32	4	65	100	125	72	€39.32
SS 440 IP65	40	4	65	125	175	90	€47.89
SS 463 IP65	63	4	65	125	175	90	€50.38
SS 480 IP65	80	4	65	190	280	130	€99.95
SS 4100 IP65	100	4	65	190	280	130	€121.15
SS 4125 IP65	125	4	65	190	280	130	€140.58



SS 4100 IP65

#### SAFETY SWITCHES FOR EV CHARGING IP65 BLACK HANDLE

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GSS325 IP65B	25	3	65	100	125	72	€33.74
GSS332 IP65B	32	3	65	100	125	72	€35.92
GSS340 IP65B	40	3	65	100	125	72	€42.79



#### DC SAFETY SWITCHES FOR PV APPLICATIONS

Item	Rating (A)	Poles	IP Rating	Trade Price
GSS432IP65DC	32	2	65	€54.41
SS416IP65DC	16	4	65	€34.99



#### SAFETY SWITCHES AUX MODULES (only available for SS type Switch)

Item	Rating (A)	Trade Price
RAC20	20	€3.99
RAC25	25	€3.99
RAC32	32	€3.99
RAC40	40	€3.99
RAC63	63	€3.99
RAC80	80	€10.04

## 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	€ 35.35
SW 32 IP53M	32	3	53	135	220	85	€ 58.88
SW 40 IP53M	40	3	53	135	220	85	€ 61.32
SW 63 IP53M	63	3	53	135	220	85	€ 62.85
SW 80 IP53M	80	3	53	245	315	125	€ 127.83
SW 100 IP53M	100	3	53	245	315	125	€ 137.90
SW 125 IP53M	125	3	53	245	315	125	€ 149.47



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	€ 223.33
GSW3125 IP55M	125	3	2	55	300	400	200	€ 413.98
GSW3200 IP55M	200	3	2	55	300	400	200	€ 478.62
GSW3250 IP55M	250	3	2	55	300	400	200	€ 670.23
GSW3400 IP55M	400	3	3	55	500	600	250	€ 985.14



GSW3200 IP55M

### 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	€ 232.38
GSW4125 IP55M	125	4	2	55	300	400	200	€ 435.79
GSW4200 IP55M	200	4	2	55	300	400	200	€ 568.45
GSW4250 IP55M	250	4	3	55	300	400	200	€ 712.39
GSW4400 IP55M	400	4	4	55	500	600	250	€ 1,041.50



## 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	€ 494.29
GFS3125 IP55MNH	125	3	3	55	300	400	200	€ 549.07
GFS3160 IP55MNH	160	3	3	55	300	400	200	€ 706.72
GFS3200 IP55MNH	200	3	4	55	500	600	250	€ 710.72
GFS3250 IP55MNH	250	3	4	55	500	600	250	€ 1,298.38
GFS3400 IP55MNH	400	3	4	55	500	600	250	€ 1,298.38



## 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	€ 121.98
CO32IP53M	32	3	53	220	270	117	€ 123.93
CO40IP53M	40	3	53	220	270	117	€ 131.78
CO63IP53M	63	3	53	220	270	117	€ 128.53
CO80IP53M	80	3	53	250	370	130	€ 257.83
CO100IP53M	100	3	53	250	370	130	€ 271.67
CO125IP53M	125	3	53	250	370	130	€ 292.36



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	€ 981.06
GCO3160IP55M	160	3	55	400	500	250	€ 1,038.79
GCO3200IP55M	160	3	55	400	500	250	€ 1,320.57
GCO3250IP55M	250	3	55	400	500	250	€ 1,372.52
GCO3400IP55M	400	3	55	400	500	250	€ 1,782.70



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	€ 136.98
CO32IP65P	32	4	65	190	280	130	€ 142.53
CO40IP65P	40	4	65	190	280	130	€ 147.11
CO63IP65P	63	4	65	190	280	130	€ 154.07



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	€ 593.97

### 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	€ 412.57
LINKBOX185	5 x 70sq - 185sq Link Box	65	320	395	175	€ 565.49

## MCCB ENCLOSED

Item	Description	Width mm	Height mm	Depth mm	Trade Price
GMCCB3100IP55M	100A-63A 3P MCCB C/W Shunt	400	300	200	€736.96
GMCCB3160IP55M	160A-100A 3P MCCB C/W Shunt	400	300	200	€816.80
GMCCB3250IP55M	250A-160A 3P MCCB C/W Shunt	600	400	250	€989.12
GMCCB3400IP55M	400A-160A 3P MCCB C/W Shunt	800	600	400	€1,931.16
GMCCB3630IP55M	630A-250A 3P MCCB C/W Shunt	800	600	400	€2,533.68



## ACCESSORIES

Item	Description	Trade Price
NPE 35	Neutral - Earth Terminal 35mm	€ 17.30
NPE 120	Neutral - Earth Terminal 120mm	€ 55.55
TBN185	Neutral - Earth Terminal 185mm	€ 78.62
SEAL	Sealing Screw 5mm	€ 2.84
SEALKIT	GPK Sealing Kit	€ 20.53
GCSEAL	Sealing Screw for GCS	€ 1.60
GCSBRACKET	Seal Bracket for GCS System	€ 0.74



NPE35



NPE120

## DISCONNECTORS

### Fuse Switch Disconnects

Item	Rating (A)	Size	Trade Price
GKVL-00	160A	3 Pole NH00	€ 64.44
GKVL-1	250A	3 Pole NH1	€ 193.14
GKVL-2	400A	3 Pole NH2	€ 306.80
GKVL-3	630A	3 Pole NH3	€ 405.71



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	€ 4.63
EFD 102P	32A	2	10 x 38	€ 10.11
EFD 103P	32A	3	10 x 38	€ 14.57
EFD 221P	100A	1	22 x 58	€ 17.77
EFD 223P	100A	3	22 x 58	€ 57.52

## FUSES - CYLINDRICAL: DO

### DO Fuses gG(gl)

Item	Rating (A)	Type	Trade Price
6NZ01	6	DO1	€ 0.91
10NZ01	10	DO1	€ 1.08
16NZ01	16	DO1	€ 1.08
20NZ02	20	DO2	€ 0.91
25NZ02	25	DO2	€ 0.91
35NZ02	35	DO2	€ 0.91
50NZ02	50	DO2	€ 1.22
63NZ02	63	DO2	€ 1.22



63NZ02

### Fuses Cylindrical

Item	Rating (A)	Type	Size	Trade Price
FUSE 2A	2	10 X 38	0	€ 1.42
FUSE 4A	4	10 X 38	0	€ 0.88
FUSE 6A	6	10 X 38	0	€ 1.02
FUSE 10A	10	10 X 38	0	€ 0.74
FUSE 16A	16	10 X 38	0	€ 1.31
FUSE 20A	20	10 X 38	0	€ 1.31
FUSE 25A	25	10 X 38	0	€ 1.42
FUSE 32A	32	10 X 38	0	€ 1.42
MS32	32	22 X 58	2	€ 3.95
MS63	63	22 X 58	2	€ 4.17
MS80	80	22 X 58	2	€ 4.17
MS100	100	22 X 58	2	€ 4.17



FUSE 6A

FUSES NH 120kA gL-gC

Item	Rating (A) NH00C	Trade Price
NV00C 6A	6	€ 5.24
NV00C 10A	10	€ 5.24
NV00C 16A	16	€ 5.24
NV00C 20A	20	€ 5.24
NV00C 25A	25	€ 4.11
NV00C 35A	35	€ 4.11
NV00C 40A	40	€ 4.11
NV00C 50A	50	€ 4.11
NV00C 63A	63	€ 4.01
NV00C 80A	80	€ 4.64
NV00C 100A	100	€ 4.64
<b>NH00</b>		
NV00 125A	125	€ 6.12
NV00 160A	160	€ 6.12
<b>NH1</b>		
NV1 200A	200	€ 11.59
NV1 250A	250	€ 11.59
<b>NH1C</b>		
NV1C 63A	63	€ 8.16
NV1C 80A	80	€ 8.16
NV1C 100A	100	€ 8.16
NV1C 125A	125	€ 8.16
NV1C 160A	160	€ 8.16
<b>NH2C</b>		
NV2C 63A	63	€ 13.01
NV2C 80A	80	€ 13.01
NV2C 100A	100	€ 13.01
NV2C 125A	125	€ 13.01
NV2C 160A	160	€ 12.65
NV2C 200A	200	€ 13.01
NV2C 250A	250	€ 13.01
<b>NH2</b>		
NV2 315A	315	€ 14.72
NV2 355A	355	€ 14.72
NV2 400A	400	€ 14.72
<b>NH3C</b>		
NV3C 250A	250	€ 22.94
NV3C 315A	315	€ 22.94
NV3C 355A	355	€ 22.94
NV3C 400A	400	€ 22.94
<b>NH3</b>		
NV3 500A	500	€ 25.63
NV3 630A	630	€ 25.63



# Powering The Future

EV Charging For Every Destination





# Domestic EV Charger

## EV Domestic Charger

Item	Model Type & Connection	Trade Price
GEV7.40	1PH 7.4KW Type 2 Socket	€660.00
GEV7.4L	1PH 7.4KW Type 2 Tethered Lead 7.5m	€760.00

### Key Features

- ✓ Multiple communications (WI-FI, Ethernet)
- ✓ Dynamic Load Management
- ✓ Solar Energy Load Management
- ✓ AC30mA + DC6mA leakage protection
- ✓ PME Fault Protection
- ✓ Over and under voltage protection
- ✓ Over current protection
- ✓ Type 2 socket or Type 2 connector
- ✓ APP based/Plug & Charge
- ✓ Smart Charging Compliant





# Entity Pro Public Charging

## Entity Pro Public Charger

Item	Model Type & Connection	Trade Price
EPCSO0132SIGIPEN	Single Entity 1-Ph 7.4kW Socket	€1,123.05
EPCSC50132FIGIP	Single Entity 1-ph 7.4KW 5M Lead	€1,153.88
EPCSC80132FIGIP	Single Entity 1-ph 7.4KW 8M Lead	€1,192.57
EPCSO00332SIGI	Entity Pro 3-Phase 22KW Socket	€1,193.84
EPCSO00332SVGI	Entity Pro 3-Ph, 22KW Socket, MID Metered	€2,004.18
EPCS50332SIGI	Entity Pro 3-Ph, 22KW 5M Lead	€1,246.80



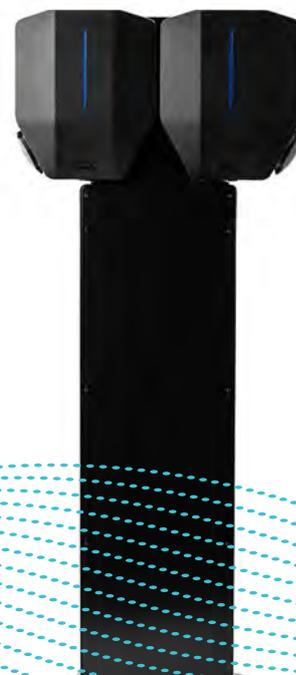
## Entity Pro Dual Kits

Item	Model Type & Connection	Trade Price
EPCSDP22BTB	22kW Dual Entity c/w Pedestal ( back to back)	€ 2,796.00
EPCSDP22SBS	22kW Dual Entity c/w Pedestal (side by side)	€ 2,944.00
EPCSO00332SIGIO	22Kw Dual Entity Wall Mounted	€ 2,415.66



## Entity Dynamic Load Management Kits

Item	Description	Trade Price
DLM100ELIB	Entity Basic DLM & 100A Split Core CT's	€ 529.07
DLM100ELIA	Entity Adv DLM + 100A Split Core CT's	€ 762.64
DLM300ELIA	Entity Adv DLM + 300A Split Core CT's	€ 868.18
DLM600ELIA	Entity Adv DLM + 600A Split Core CT's	€ 893.54



### Suitable for

Apartment buildings, workplaces, or homes



# Entity Accessories

## Current Limiting Kit 7.4kW Entity

Item	Model Type & Connection	Trade Price
EPLM60	60A Current Limiting relay c/w Clip on CT	€ 103.00
EPLM80	80A Current Limiting relay c/w Clip on CT	€ 103.00

## Entity Installation Poles

Item	Description	Trade Price
EPPFS	GARO Entity Pro Pole mount fixture single	€ 91.95
EPPFD	GARO Entity Pro Pole mount fixture double back to back	€ 144.08

## Entity Ground Mounted Stands

Item	Description	Trade Price
EPGSS	Entity Pro Ground Stand single and back to back	€ 383.74
EPGSD	Entity Pro Ground Stand double side by side and back to back	€ 589.87
EPGCA	Concrete anchor Entity stand	€ 220.94
EPSSC	Entity Pro Installation kit stand	€ 98.14
EPGSH	Cable hook Entity Pro ground stand	€ 30.77
EWB	Wall hook Entity	€ 43.01



## Wireless Load Management

Item	Description	Trade Price
ELIB	Entity Load Interface Basic (LAN/Wifi)	€ 407.70
ELIA	Entity load interface unit ADVANCED ( 5A Sec. CT's Required)	€ 456.45
GDT16-100A	100A CT Kit for ELIB	€ 86.11

## Entity Installation Brackets and Covers

Item	Description	Trade Price
EPIBSO	Entity Pro Single Bracket	€ 101.41
EPIBDO	Entity Pro Double Bracket	€ 155.29
EPPC	Entity Pro Protection Front Cover	€ 29.39

## Entity Front Covers

Item	Description	Trade Price
EPFCB	GARO Entity Pro Front Cover Black	€ 25.71
EPFCG	GARO Entity Pro Front Cover Grey	€ 35.04
EPFCW	GARO Entity Pro Front Cover White	€ 35.04
EPFCR	GARO Entity Pro Front Cover Red	€ 35.04





# GTB+

## Charge two vehicles simultaneously

Item	Model Type & Connection	Trade Price
GTBBDCMT274WOARL	OCPP 2 X 7.4kw Dual Charger LAN, Meter RFID	€ 4,303.00
GTBBDCMT222WOARL	OCPP 2 X 22kw Dual Charger LAN Meter RFID	€ 4,505.00
GTBBDCMT274WOARM	OCPP 2 X 7.4kw Dual Charger 4G Meter RFID	€ 4,638.00
GTBBDCMT222WOARM	OCPP 2 X 22kw Dual Charger 4G Meter RFID	€ 4,931.00
*GTBB-BRKITTWIN	Retrofit Kit for Fitting EVA Payment Terminal	€288.58

\*Payment terminal not included in above products



### 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	€3,364.00
4G Versions		
LS4DCMT274WO-MC	2 x 7.4kw Outlets Metered, RFID & 4G	€4,270.00
LS4DCMT222WO-MC	2 x 22kw Outlets Metered, RFID & 4G	€3,738.00
43kW Versions		
LS4MDCMT243FC-MC	Mini Wall mounted 1 x 43kW Fixed Cable 7.5m	€7,262.77
LS4DCMT243FC-MC	Mini Pillar 1 x 43kW Fixed Cable 7.5	€8,274.00
*LS4-BR-KIT	Retrofit Kit for Fitting EVA Payment Terminal	€465.85
*LS4-B-BPAYSTATION	Pillar for Fitting EVA Payment Terminal	€2,698.85

\*Payment terminal not included in above products



- 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 branding



**Suitable for**  
Apartment buildings, workplaces &  
homes



# EV Charging Accessories

## Meters

		GTB	LS4	
GNM1D-100-RS485	Single Phase DLM Meter 100 Amp	X	X	€ 182.21
GNM3D-RS485	Three Phase DLM or local Meter 63 Amps	X	X	€ 205.04
DLM200	Three Phase DLM Meter c/w 200A Split Core CT's	X	X	€ 859.35
DLM250	Three Phase DLM Meter c/w 250A Split Core CT's	X	X	€ 859.35
DLM400	Three Phase DLM Meter c/w 200A Split Core CT's	X	X	€ 859.35
DLM600	Three Phase DLM Meter c/w 600A Split Core CT's	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



## EV Distribution Boards

	Enclosure	Total Modules	Free Modules	Incoming	IP Rating	Surge	
GC6EV40	GCUT6	6	0	63 A MCB	65	-	€ 92.70
GC6EV40S	GCUT6	6	0	ISOLATOR	65	Yes	€ 169.29
GC8EV40S	GCUT8	8	0	63 A MCB	65	Yes	€ 152.44
GC6EV40PME	GCUT6	6	0	RCBO A	Yes	65	€ 324.73

## Wall Brackets

		GTB	LS4	
GTB-WB	GTB Wall Bracket (Required for 22KW)	X		€56.48



## Ground Mounts

		GTB	LS4	
MVRF	In Ground Fixing post 1550mm for LS4-PM	X	X	€ 131.08
LS4-PM	LS4 Fixing Bracket for MVRF	X	X	€ 78.03
MF-LS4	Ground Mount Bracket for LS4	X	X	€ 186.07

## EV Charging Cables

		GTB	LS4	
CCM32T2T1-5	Type 2 to Type 1 32A 240V 5 Meter EV Charging Cable	X	X	€ 475.04
CCM32T2T2-5	Type 2 to Type 2 32A 240V 5 Meter EV Charging Cable	X	X	€ 441.89
CCM32T2T2-8	Type 2 to Type 2 32A 240V 8 Meter EV Charging Cable	X	X	€ 478.72
CCM32T2T2-10	Type 2 to Type 2 32A 240V 10 Meter EV Charging Cable	X	X	€ 540.81
CCT32T2T2-5	Type 2 to Type 2 32A 400V 5 Meter EV Charging Cable	X	X	€ 478.72
CCT32T2T2-8	Type 2 to Type 2 32A 400V 8 Meter EV Charging Cable	X	X	€ 552.37
CCT32T2T2-10	Type 2 to Type 2 32A 400V 10 Meter EV Charging Cable	X	X	€ 607.61



## Safety Switches For EV charging

		GTB	LS4	
GSS332IP65B	32A 3 Pole IP65	X	X	€ 36.30
GSS340IP65B	40A 3 Pole IP65	X	X	€ 54.41





## 30kW DC Charger

### Easy and Compact Fast Charging

GARO's 30kW DC Fast Charger is specially designed to offer a quick and reliable charge for all plug-in vehicles. They are an ideal solution for locations where people need a fast top up, but the large power supply typically required for a DC Fast Charger is not available. Furthermore, thanks to RFID and OCPP back office capabilities, users can easily identify and start charging in no time.



Item	Description	Trade Price
GEVDC30	30kW DC Charger Single CCS Outlet	€ 12,283.02
GEVDC30-PEDESTAL	Pedestal for 30kW DC Charger	€366.36
GEVDC-WB	Wall Mounting Kit for GEVDC30	€163.72



## 60kW to 420kW 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 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.

Please contact our EV Technical Team to discuss pricing.



## RAPID 60 kW

Item	Model Type & Connection
<b>Stainless Steel</b>	
GSR60M0N-NNC2	Stainless Steel RAPID 60 One DC
GSR60M0N-C2C2	Stainless Steel RAPID 60 Duo DC
GSR60M0M-C2C2	Stainless Steel RAPID 60 Duo - DC
GSR60M0M-C2C2	Stainless Steel RAPID 60 Duo - DC

## RAPID 120 kW

Item	Model Type & Connection
GRNM120-NNC1	RAPID 120 One - DC 120 kW CCS 300A
GRNM120-C1H2	RAPID 120 Duo - DC 120 kW CCS 300A & CHAdeMO 125A
GRNM120-C1C1	RAPID 120 Duo - DC 120 kW CCS 300A & CCS 300A
GRMM120-C1H2	RAPID 120 Trio - DC 120 kW CCS 300A & CHAdeMO 125A & AC 22 kW Socket Type 2
GRMM120-C1C1	RAPID 120 Trio - DC 120 kW CCS 300A & CCS 300A & AC 22 kW Socket Type 2

## RAPID 180 kW

Item	Model Type & Connection
GRNM180-NNC1	RAPID 180 One - DC 180 kW CCS 300A
GRNM180-C1H2	RAPID 180 Duo - DC 180 kW CCS 300A & CHAdeMO 125A
GRNM180-C1C1	RAPID 180 Duo - DC 180 kW CCS 300A & CCS 300A
GRMM180-C1H2	RAPID 180 Trio - DC 180 kW CCS 300A & CHAdeMO 125A & AC 22 kW Socket Type 2
GRMM180-C1C1	RAPID 180 Duo - DC 180 kW CCS 300A & CCS 300A & AC 22 kW Socket Type 2

## RAPID 240/300/360/420 kW

Ultra-Fast Chargers

Item	Model Type & Connection
R240-NCCN	RAPID 240/2 - CCS2 375A & CCS2 375A
R300-NCCN	RAPID 300/2 - CCS2 375A & CCS2 375A
R360-NCCN	RAPID 360/2 - CCS2 375A & CCS2 375A
R420-NCCN	RAPID 420/2 - CCS2 375A & CCS2 375A

Please contact our EV Technical Team to discuss pricing.



# Industrial Plugs & Sockets

Robust and Reliable



## 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	€ 4.49
P216-6S	3	2p + E	200-250	50-60	6	■	10	€ 4.40
P232-4S	3	2p + E	100-130	50-60	4	■	10	€ 14.07
P232-6S	3	2p + E	200-250	50-60	6	■	10	€ 14.07
P416-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 9.60
P432-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 15.68



P216 - 6S

### Couplers

S216-4S	3	2p + E	100-130	50-60	4	■	10	€ 7.31
S216-6S	3	2p + E	200-250	50-60	6	■	10	€ 7.31
S232-4S	3	2p + E	100-130	50-60	4	■	10	€ 16.94
S232-6S	3	2p + E	200-250	50-60	6	■	10	€ 16.94
S416-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 14.67
S432-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 18.10



S 216-4S

### Wall Sockets

UI216-4S-RU	3	2p + E	100-130	50-60	4	■	10	€ 9.63
UI216-6S-RU	3	2p + E	200-250	50-60	6	■	10	€ 9.63
UI232-4S-RU	3	2p + E	100-130	50-60	4	■	10	€ 18.10
UI232-6S-RU	3	2p + E	200-250	50-60	6	■	10	€ 18.10
UI416-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	€ 14.67
UI432-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	€ 20.53



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	€ 9.46
PV216-6S	3	2p + E	200-250	50-60	6	■	10	€ 9.46
PV316-4S	3	3p + E	100-130	50-60	4	■	10	€ 11.20
PV232-4S	3	2p + E	100-130	50-60	4	■	10	€ 16.83
PV232-6S	3	2p + E	200-250	50-60	6	■	10	€ 17.24
PV416-6S	5	3p + N + E	200-415	50-60	6	■	2	€ 12.58
PV432-6S	5	3p + N + E	200-415	50-60	6	■	2	€ 20.36



PV 316-4S

### Couplers

SV216-4S	3	2p + E	100-300	50-60	4	■	10	€ 12.87
SV216-6S	3	2p + E	200-250	50-60	6	■	10	€ 12.87
SV232-4S	3	2p + E	100-130	50-60	4	■	10	€ 22.43
SV232-6S	3	2p + E	200-250	50-60	6	■	10	€ 22.43
SV416-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 16.83
SV432-6S	5	3p + N + E	200-415	50-60	6	■	10	€ 26.50



SV 316-6S

### Wall Sockets

UIV216-4S-RU	3	2p + E	100-300	50-60	4	■	5	€ 19.12
UIV216-6S-RU	3	2p + E	200-250	50-60	6	■	5	€ 19.12
UIV232-4S-RU	3	2p + E	100-130	50-60	4	■	5	€ 25.65
UIV232-6S-RU	3	2p + E	200-250	50-60	6	■	5	€ 25.65
UIV416-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	€ 21.70
UIV432-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	€ 29.16



## 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 <span style="color: yellow;">■</span>	10	€ 4.49
P 216-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 4.40
P 232-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 14.07
P 232-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 14.07
P 263-6 S	4 3p + E	200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 43.67
P 316-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 8.61
P 316-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 8.61
P 332-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 14.83
P 363-6 S	5 3p + N + E	380-415	50-60	6 <span style="color: red;">■</span>	2	€ 44.78
P 416-6 S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 9.60
P 432-6 S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 15.68
P 463-6 S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 46.98



P463 - 6S



P216 - 6S

Connectable cable size:  
 16A, 1-2,5 mm<sup>2</sup>  
 32A, 2,5-6 mm<sup>2</sup>  
 63A, 6 -16 mm<sup>2</sup>

### 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	€ 9.46
PV 216-6S		200-250	50-60	6 	10	€ 9.46
PV 232-4S		100-130	50-60	4 	10	€ 16.83
PV 232-6S		200-250	50-60	6 	10	€ 17.24
PV 263-4S		100-130	50-60	4 	2	€ 41.41
PV 263-6S		200-250	50-60	6 	2	€ 34.16
PV 2125-6S	4 3p + E	200-250	50-60	6 	2	€ 170.17
PV 316-4S		100-130	50-60	4 	10	€ 11.20
PV 316-6S		380-415	50-60	6 	10	€ 11.20
PV 332-4S		100-130	50-60	4 	10	€ 18.09
PV 332-6S		380-415	50-60	6 	10	€ 18.09
PV 363-6S		380-415	50-60	6 	2	€ 45.72
PV 3125-6S	5 3p + N + E	380-415	50-60	6 	2	€ 182.73
PV 416-6S		200-415	50-60	6 	10	€ 12.58
PV 432-6S		200-415	50-60	6 	10	€ 20.36
PV 463-6S		200-415	50-60	6 	2	€ 46.61
PV 4125-6S		200-415	50-60	6 	2	€ 188.37



PV 316-4S



PV 416-6S



Connectable cable size:  
 16A 1-2,5 mm<sup>2</sup>  
 32A 2,5-6 mm<sup>2</sup>  
 63A 6-16 mm<sup>2</sup>  
 125A 16-50 mm<sup>2</sup>

### Degree of protection IP67

Accessories: Cover

Accessories:

16A Cover Type TL216S

32A Cover Type TL232S

42A Cover Type TL425

63A Cover Type TL63S

Other clock positions are produced to order.

## 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	€ 22.20
PA 416-4 S		100-130	50-60	4 ■	10	€ 24.83
PA 416-6 S	5 3p + N + E	200-415	50-60	6 ■	10	€ 24.42
PA 432-6 S		200-415	50-60	6 ■	10	€ 34.10

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup>

**Degree of protection IP44**



## 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	€ 21.81
FV 416-6 S	5 3p + N + E	200-415	50-60	6 ■	10	€ 21.81
FV 432-6 S	5 3p + N + E	200-415	50-60	6 ■	10	€ 23.07

Connector size:

16A: 1-2,5 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup>

**Degree of protection IP44**

Accessories:

Covers TL416S, TL432S

Other clock positions are produced to order.



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 <span style="color: yellow;">■</span>	10	€ 7.31
S 216-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 7.31
S 232-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 16.94
S 232-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 16.94
S 263-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 42.79
S 316-4 S		100-130	50-60	6 <span style="color: yellow;">■</span>	10	€ 9.14
S 316-6 S	4 3p + E	380-415	50-60	6 <span style="color: red;">■</span>	10	€ 9.14
S 332-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 17.70
S 363-6 S		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 42.79
S 416-6 S	5 3p + N + E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 14.67
S 432-6 S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 18.10
S 463-6 S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 46.75



S 216-4S



S 216-6S

Connectable cable size:  
 16A: 1-2,5 mm<sup>2</sup>  
 32A: 2,5-6 mm<sup>2</sup>  
 63A: 6-16 mm<sup>2</sup>

**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 <span style="color: yellow;">■</span>	10	€ 12.87
SV 216-6S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 12.87
SV 232-4S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 22.43
SV 232-6S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 22.43
SV 263-4S		100-130	50-60	4 <span style="color: yellow;">■</span>	2	€ 65.95
SV 263-6S		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 49.34
SV 2125-6S	4 3p + E	200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 211.64
SV 316-4S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 16.37
SV 316-6S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 14.65
SV 332-6S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 23.87
SV 363-6S		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 53.18
SV 3125-6S		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 204.87
SV 416-6S	5 3p + N + E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 16.83
SV 432-6S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 26.50
SV 463-6S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 65.05
SV 4125-6S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 221.13



SV 316-6S



SV 232-4S

Waterproof design

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup>

125A: 16-50 mm<sup>2</sup>

**Degree of protection IP67**

Other clock positions are produced to order.

## 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 <span style="color: yellow;">■</span>	10	€ 9.63
UI 216-6 S - RU		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 9.63
UI 232-4 S - RU		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 18.10
UI 232-6 S - RU		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 18.10
UI 263-6 S - RU	4 3p + E	200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 58.22
UI 316-4 S - RU		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 16.68
UI 316-6 S - RU		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 11.96
UI 332-6 S - RU		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 18.46
UI 363-6 S - RU	5 3p + N + E	380-415	50-60	6 <span style="color: red;">■</span>	2	€ 61.86
UI 416-6 S - RU		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 14.67
UI 432-6 S - RU		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 20.53
UI 463-6 S - RU		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 66.26



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 mm<sup>2</sup>. Solid cable 1-4 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup>. Solid cable 2,5-10 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup> and solid cable 6-25 mm<sup>2</sup>

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 <span style="color: yellow;">■</span>	10	€ 15.86
UI 216-6 DE - RU		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 13.23
UI 232-6 DE - RU		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 21.45
UI 263-6 S - RU		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 58.22
UI 316-6 DE - RU	4 3p + E	380-415	50-60	6 <span style="color: red;">■</span>	10	€ 19.14
UI 332-6 DE - RU		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 22.29
UI 363-6 S - RU		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 61.86
UI 416-6 DE - RU		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 20.56
UI 432-6 DE - RU	5 3p + N + E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 25.64
UI 463-6 S - RU		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 66.26



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	€ 19.12
UIV 216-6S - RU		200-250	50-60	6 ■	5	€ 19.12
UIV 232-4S - RU		100-130	50-60	4 ■	5	€ 25.65
UIV 232-6S - RU		200-250	50-60	6 ■	5	€ 25.65
UIV 263-4S - RU		100-130	50-60	4 ■	2	€ 55.03
UIV 263-6S - RU		200-250	50-60	6 ■	2	€ 55.03
UIV 2125-6S - RU	4 3p + E	200-250	50-60	6 ■	1	€ 58.92
UIV 316-4S - RU		100-130	50-60	4 ■	5	€ 20.36
UIV 316-6S - RU		380-415	50-60	6 ■	5	€ 20.36
UIV 332-6S - RU		380-415	50-60	6 ■	5	€ 26.56
UIV 363-6S - RV		380-415	50-60	6 ■	2	€ 47.35
UIV 3125-6S - RU		380-415	50-60	6 ■	1	€ 61.76
UIV 416-6S - RU	5 3p + N + E	200-415	50-60	6 ■	5	€ 21.70
UIV 432-6S - RU		200-415	50-60	6 ■	5	€ 29.16
UIV 463-6S - RU		200-415	50-60	6 ■	2	€ 68.53
UIV 4125-6S - RU		200-415	50-60	6 ■	1	€ 293.57



UIV 316-6S - RU

For wall mounting with cable connection from top & back

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> & Solid cable 1-4 mm<sup>2</sup>

32A: 2,5-10 mm<sup>2</sup> & Solid cable 2,5-10 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup> & Solid cable 6-25 mm<sup>2</sup>

125A: 5 x 50 mm<sup>2</sup> to terminal block

Flexible 16-50 mm<sup>2</sup> and solid cable 16-70 mm<sup>2</sup>

**Degree of protection IP67**

Other clock positions are produced to order.

## WALL INLET 16A - 63A IP44

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
II 216-4 S - RI		100-130	50-60	4 	10	€ 15.47
II 216-6 S - RI		200-250	50-60	6 	10	€ 15.47
II 232-4 S - RI	3 2p + E	100-130	50-60	4 	10	€ 19.18
II 232-6 S - RI		200-250	50-60	6 	10	€ 18.70
II 263-6 S - RI		200-250	50-60	6 	2	€ 60.04
II 316-4 S - RI		100-130	50-60	4 	10	€ 14.64
II 316-6 S - RI	4 3p + E	380-415	50-60	6 	10	€ 16.08
II 332-6 S - RI		380-415	50-60	6 	10	€ 20.69
II 416-6 S - RI	5 3p + N + E	200-415	50-60	6 	10	€ 16.50
II 432-6 S - RI		200-415	50-60	6 	10	€ 32.81
II 463-6 S - RI		380-415	50-60	6 	2	€ 72.79



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 mm<sup>2</sup> & Solid cable 1-4 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup> & Solid cable 2,5-10 mm<sup>2</sup>

63A: 6-25 mm<sup>2</sup>

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	€ 32.94
IIV 216-6S - RI		200-250	50-60	6 	10	€ 32.94
IIV 232-4S - RI		100-130	50-60	4 	10	€ 44.41
IIV 232-6S - RI		200-250	50-60	6 	10	€ 44.41
IIV 263-4S - RI		100-130	50-60	4 	2	€ 106.19
IIV 263-6S - RI		200-250	50-60	6 	2	€ 99.71
IIV 2125-6 - RI	4 3p + E	200-250	50-60	6 	1	€ 253.48
IIV 332-6S - RI		380-415	50-60	6 	10	€ 63.95
IIV 363-6S - RI		380-415	50-60	6 	2	€ 67.93
IIV 3125-6S - RI		380-415	50-60	6 	1	€ 273.62
IIV 416-6S - RI		200-415	50-60	6 	10	€ 37.96
IIV 432-6S - RI		200-415	50-60	6 	10	€ 79.91
IIV 463-6S - RI	5 3p + N + E	200-415	50-60	6 	2	€ 108.04
IIV 4125-6S - RI		200-415	50-60	6 	1	€ 331.15



IIV 463-6S - RI

Waterproof inlet for wall mounting

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> & 1-4 mm<sup>2</sup> for solid cable

32A: 2,5-6 mm<sup>2</sup> & for solid cable 2,5-10 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup> & for solid cable 6-25 mm<sup>2</sup>

125A: 16-50 mm<sup>2</sup> & for solid cable 16-70 mm<sup>2</sup>

**Degree of protection IP67**

Other clock positions are produced to order.

## 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 mm<sup>2</sup>

**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 <span style="color: yellow;">■</span>	1	€ 73.38
P3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 <span style="color: blue;">■</span>	1	€ 66.74

With IEC-CEE 16A socket inlet and 3 x 16A socket outlets  
Connectable cable size: 1,5-4 mm<sup>2</sup>

**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 <span style="color: yellow;">■</span>	1	€ 95.62
PV3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 <span style="color: blue;">■</span>	1	€ 89.15

## ADAPTOR 16A - 13A BS IP44

With IEC-CEE 16A socket inlet & 3-pin BS 13A socket outlet  
Connectable cable size: 1,5-4 mm<sup>2</sup>

**Degree of protection IP44**



Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
I1216-6-13A	3	200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 29.38

## 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	€ 5.81
UIL 216-6 S		200-250	50-60	6 	10	€ 5.30
UI 216-4 S		100-130	50-60	4 	10	€ 5.75
UI 216-6 S		200-250	50-60	6 	10	€ 5.30
UI 232-4 S		100-130	50-60	4 	10	€ 7.95
UI 232-6 S		200-250	50-60	6 	10	€ 7.39
UI 263-4 S	4 3p + E	100-130	50-60	4 	2	€ 59.45
UI 263-6 S		200-250	50-60	6 	2	€ 45.72
UI 316-6 S		380-415	50-60	6 	10	€ 6.60
UI 332-6 S		380-415	50-60	6 	10	€ 8.24
UI 363-6 S		380-415	50-60	6 	2	€ 44.08
UI 416-6 S		200-415	50-60	6 	10	€ 6.89
UI 432-6 S	5 3p + N + E	200-415	50-60	6 	10	€ 9.80
UI 463-6 S		200-415	50-60	6 	2	€ 48.49

For panel mounting

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> & solid cable 1-4 mm<sup>2</sup>.

32A: 2,5-6 mm<sup>2</sup> & solid cable 2,5-10 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup> & solid cable 6-25 mm<sup>2</sup>

**Degree of protection IP44**



UIL 216-6S



UI 316-4S

## 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 <span style="color: yellow;">■</span>	10	€ 5.81
UIS 216-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 5.30
UIS 232-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 8.98
UIS 232-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 7.95
UIS 263-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 43.74
UIS 316-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 7.29
UIS 332-6 S	4 3p + E	380-415	50-60	6 <span style="color: red;">■</span>	10	€ 8.02
UIS 363-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	2	€ 45.65
UIS 363-6 S		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 46.80
UIS 416-6 S	5 3p + N + E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 6.89
UIS 432-6 S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 9.80
UIS 463-6 S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 48.53



UIS 263-6S



UIS 316-6S

For panel mounting

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> & 1-4 mm<sup>2</sup> for solid cable

32A: 2,5-6 mm<sup>2</sup> & 2,5-10 mm<sup>2</sup> for solid cable

63A: 6-16 mm<sup>2</sup> & 6-25 mm<sup>2</sup> 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 <span style="color: yellow;">■</span>	10	€ 13.20
UISV 216-6S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 12.74
UISV 232-4S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 16.57
UISV 232-6S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 15.84
UISV 263-6S		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 46.04
UISV 2125-6S		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 53.33
UISV 316-6S	4 3p + E	380-415	50-60	6 <span style="color: red;">■</span>	10	€ 13.65
UISV 332-6S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 16.72
UISV 3125-6S		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 90.74
UISV 416-6S	5 3p + N + E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 15.03
UISV 432-6S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 18.09
UISV 463-6S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 51.16
UISV 4125-6S		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 95.01



UIV 232-4S



UISV 263-6S

Watertight socket for panel mounting

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> & 1-4 mm<sup>2</sup> for solid cable

32A: 2,5-6 mm<sup>2</sup> & 2,5-10 mm<sup>2</sup> for solid cable.

63A: 6-16 mm<sup>2</sup> & 6-25 mm<sup>2</sup> for solid cable

125A: 16-50 mm<sup>2</sup> & 16-70 mm<sup>2</sup> for solid cable

Supplied with gasket

Degree of protection IP67

## 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 <span style="color: yellow;">■</span>	10	€ 6.38
II 216-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 6.38
II 232-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 9.00
II 232-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	€ 9.25
II 263-6 S	4 3p + E	200-250	50-60	6 <span style="color: blue;">■</span>	4	€ 27.52
II 316-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	€ 7.74
II 316-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 7.95
II 332-6 S		380-415	50-60	6 <span style="color: red;">■</span>	10	€ 10.07
II 416-6 S	5 3p+N+E	200-415	50-60	6 <span style="color: red;">■</span>	10	€ 7.95
II 432-6 S		200-415	50-60	6 <span style="color: red;">■</span>	10	€ 10.56

For panel mounting  
Connectable cable size:  
16A: 1,5-4 mm<sup>2</sup>  
32A: 2,5-10 mm<sup>2</sup>  
63A: 6-25 mm<sup>2</sup>

**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 <span style="color: yellow;">■</span>	2	€ 72.29
IIV 263-6		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 54.46
IIV 2125-4		100-130	50-60	4 <span style="color: yellow;">■</span>	2	€ 137.35
IISV 2125-6		200-250	50-60	6 <span style="color: blue;">■</span>	2	€ 117.32
IIV 363-6	4 3p + E	380-415	50-60	6 <span style="color: red;">■</span>	2	€ 63.25
IIV 3125-6		380-415	50-60	6 <span style="color: red;">■</span>	2	€ 135.65
IIV 463-6		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 64.84
IIV 4125-6		200-415	50-60	6 <span style="color: red;">■</span>	2	€ 124.24

Waterproof inlet for panel mounting  
Connectable cable size:  
63A: 6-16 mm<sup>2</sup> and for solid cable 6-25 mm<sup>2</sup>  
125A: 16-50 mm<sup>2</sup> and for solid cable 16-70 mm<sup>2</sup>

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	€ 79.78
URBB 216-6S	16A 3PIN 230V SOCKET C/W 4MOD IP44	€ 73.64
URBB 316-6S	16A 4PIN 400V SOCKET C/W 4 MOD IP44	€ 74.94
URBB 416-6S	16A 5PIN 400V SOCKET C/W 4MOD IP44	€ 75.40
URBB 232-4S	32A 3PIN 110V SOCKET C/W 4MOD IP44	€ 89.87
URBB 232-6S	32A 3PIN 230V SOCKET C/W 4MOD IP44	€ 81.98
URBB 332-6S	32A 4PIN 400V SOCKET C/W 4 MOD IP44	€ 82.40
URBB 432-6S	32A 5PIN 400V SOCKET C/W 4MOD IP44	€ 82.85

### Interlocked Socket Outlet IP44 16A - 32A

Item	Description	Trade Price
UBB 216-4S	16A 3PIN 110V Switched Socket IP44	€ 66.40
UBB 216-6S	16A 3PIN 230V Switched Socket IP44	€ 63.56
UBB 316-6S	16A 4PIN 400V Switched Socket IP44	€ 74.50
UBB 416-6S	16A 5PIN 400V Switched Socket IP44	€ 75.40
UBB 232-4S	32A 3PIN 110V Switched Socket IP44	€ 67.73
UBB 232-6S	32A 3PIN 220V Switched Socket IP44	€ 66.40
UBB 332-6S	32A 4PIN 400V Switched Socket IP44	€ 70.13
UBB 432-6S	32A 5PIN 400V Switched Socket IP44	€ 91.17

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 1-2.5mm<sup>2</sup> . Solid cable 2.5-6mm<sup>2</sup>  
 Supplied with 3 x cable glands M25.  
 Degree of protection IP44



## 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	€ 90.95
UBC 216-6S		200-250	50-60	6 	1	€ 90.95
UBC 232-4S		100-130	50-60	4 	1	€ 95.56
UBC 232-6S		200-250	50-60	6 	1	€ 95.56
UBV 263-6SI		200-250	50-60	6 	1	€ 263.69
UBC 316-6S		4 3p + E	380-415	50-60	6 	1
UBC 332-6S	380-415		50-60	6 	1	€ 101.98
UBV 363-6SI	380-415		50-60	6 	1	€ 268.68
UBC 416-6S	5 3p + N + E	230-400	50-60	6 	1	€ 97.81
UBC 432-6S		230-400	50-60	6 	1	€ 110.52
UBV 463-6S		230-400	50-60	6 	1	€ 276.11
UBV 2125-6S		3 2p + E	200-250	50-60	6 	1
UBV 4125-6S	5 3p + N + E	200-415	50-60		1	€ 1,510.17



UBV 263-6SI

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

Connectable cable size:

16A: 1-2,5 mm<sup>2</sup> and for solid cable 1-4 mm<sup>2</sup>

32A: 2,5-6 mm<sup>2</sup> and for solid cable 2,5-10 mm<sup>2</sup>

63A: 6-16 mm<sup>2</sup> and for solid cable 6-25 mm<sup>2</sup>

125A: 50 mm<sup>2</sup>

**Degree of protection IP67**

## INTERLOCKED COMBINATION UNITS WATERTIGHT 16A - 63A IP67

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
<b>16A</b>						
URBBV 216-4S	3	5	100-130	4 <span style="color: yellow;">■</span>	1	€ 139.49
URBBV 216-6S	2p + E	5	200-250	6 <span style="color: blue;">■</span>	1	€ 139.49
URBBV 316-6S	4 3p + E	5	380-415	6 <span style="color: red;">■</span>	1	€ 142.92
URBBV 416-4S	5	5	100-130	4 <span style="color: yellow;">■</span>	1	€ 147.49
URBBV 416-6S	3p + N + E	5	200-415	6 <span style="color: red;">■</span>	1	€ 143.90
<b>32A</b>						
URBBV 232-4S	3	5	100-130	4 <span style="color: yellow;">■</span>	1	€ 204.52
URBBV 232-6S	2p + E	5	200-250	6 <span style="color: blue;">■</span>	1	€ 209.66
URBBV 332-6S	4 3p + E	5	380-415	6 <span style="color: red;">■</span>	1	€ 217.63
URBBV 432-6S	5 3p + N + E	5	200-415	6 <span style="color: red;">■</span>	1	€ 224.21
<b>63A</b>						
URBBV 263-6S	3 2p + E	7	200-250	6 <span style="color: blue;">■</span>	1	€ 419.10
URBBV 363-6S	4 3p + E	7	380-415	6 <span style="color: red;">■</span>	1	€ 423.99
URBBV 463-6S	5 3p + N + E	7	200-415	6 <span style="color: red;">■</span>	1	€ 430.58



URBBV 363-6S

## RCCB 10kA Type A

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
GCD 25-2-03	25	2	2	30	25	€ 45.44
GCD 40-2-03	40	2	2	30	25	€ 39.76
GCD 63-2-03	63	2	2	30	25	€ 46.47
GCD 40-4-03	40	4	4	30	25	€ 79.56
GCD 63-4-03	63	4	4	30	25	€ 101.42



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

Item	Poles	Operating Voltage	Frequency Hz	Colour Code	Package size	Trade Price
<b>16A IP67</b>						
URBBV 216-6SCR	2p+E	200-250	5	6 <span style="color: blue;">■</span>	1	€ 197.79
URBBV 316-6SCR	4 3p + E	380-415	5	6 <span style="color: red;">■</span>	1	€ 238.21
URBBV 416-6SCR	3p + N + E	200-415	5	6 <span style="color: red;">■</span>	1	€ 239.20
<b>32A IP67</b>						
URBBV 232-6SCR	2p+E	200-250	5	6 <span style="color: blue;">■</span>	1	€ 260.02
URBBV 332-6SCR	4 3p + E	380-415	5	6 <span style="color: red;">■</span>	1	€ 302.89
URBBV 432-6SCR	5 3p+N+E	200-415	5	6 <span style="color: red;">■</span>	1	€ 309.45
<b>63A IP67</b>						
URBBV 263-6SCR	3 2p + E	200-250	7	6 <span style="color: blue;">■</span>	1	€ 476.30
URBBV 363-6SCR	4 3p + E	380-415	7	6 <span style="color: red;">■</span>	1	€ 530.10
URBBV 463-6SCR		200-415	7	6 <span style="color: red;">■</span>	1	€ 536.68

# Power That Blends In

## Performance That Stands Out



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



S 216-6 S - B



P 316 - 6 S- B



S 4125 - 6 S-B



P 4125 6 S-B

## PRO RANGE PLUGS & COUPLERS Type 16A & 32A IP44

Item	Poles	Operating Voltage	Frequency Hz	Package size	Trade Price
<b>16 A</b>					
P 216-6 S-B	3- 2p+E	200-250	50-60	10	€6.10
P 316-6 S-B	4- 3p+E	380-415	50-60	10	€ 8.31
P 416-6 S-B	5- 3p+N+P	200-415	50-60	10	€ 8.44
<b>32 A</b>					
P 232-6 S-B	3- 2p+E	200-250	50-60	10	€ 12.64
P 332-6 S-B	4- 3p+E	380-415	50-60	10	€ 12.27
P 432-6 S-B	5- 3p+N+P	200-415	50-60	10	€ 12.68
<b>16 A</b>					
S 216-6 S-B	3- 2p+E	200-250	50-60	10	€ 8.64
S 316-6 S-B	4- 3p+E	380-415	50-60	10	€ 11.53
S 416-6 S-B	5- 3p+N+P	200-415	50-60	10	€ 12.63
<b>32 A</b>					
S 232-6 S-B	3- 2p+E	200-250	50-60	10	€ 14.74
S 332-6 S-B	4- 3p+E	380-415	50-60	10	€ 15.45
S 432-6 S-B	5- 3p+N+P	200-415	50-60	10	€ 16.50



## PRO RANGE 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	€ 55.50
P 363-6 S-B	4- 3p+E	380-415	50-60	2	€ 57.17
P 463-6 S-B	5- 3p+N+P	200-415	50-60	2	€ 64.49

### 125 A

P 2125-6 S-B	3- 2p+E	200-250	50-60	2	€ 127.82
P 3125-6 S-B	4- 3p+E	380-415	50-60	2	€ 134.54
P 4125-6 S-B	5- 3p+N+P	200-415	50-60	2	€ 148.01

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	€ 67.86
S 363-6 S-B	4- 3p+E	380-415	50-60	2	€ 70.08
S 463-6 S-B	5- 3p+N+P	200-415	50-60	2	€ 77.37



# Industrial & Panel Building

Solutions that drive success



## POWER TERMINALS & BUSBAR CLAMPS

### Neutral & Earth Disconnectable Power Terminals

Type	Description	Cable mm <sup>2</sup>	Trade Price
NB16 0000	Disconnectable Terminal 160A	35	€ 81.92
NB25 0000	Disconnectable Terminal 250A	70	€ 96.36
NB40 0000	Disconnectable Terminal 400A	185	€ 118.82
NB63 0000	Disconnectable Terminal 630A	240	€ 187.07



NB25 0000



4501 0003

### Power Terminals

Type	Description	Cable mm <sup>2</sup>	Trade Price
4501 0003	Power Terminal 250Amp	3	€ 96.74
4501 1003	Terminal Screen 250Amp	3	€ 96.74
4501 0004	Power Terminal 250Amp	4	€ 95.30
4501 1004	Terminal Screen 250Amp	4	€ 86.91
4502 0003	Power Terminal 630Amp	3	€ 98.89
4502 1003	Terminal Screen 630 Amp	3	€ 76.73
4502 0004	Power Terminal 630Amp	4	€ 164.19
4502 1004	Terminal Screen 630 Amp	4	€ 86.91

### Busbar Clamps

Type	Description	Cable mm <sup>2</sup>	Trade Price
SK16F5	16mm Busbar Clamp	5mm	€ 2.18
SK35F5	35mm Busbar Clamp	5mm	€ 3.51
SK70F5	70mm Busbar Clamp	5mm	€ 9.12
SK120F5	120mm Busbar Clamp	5mm	€ 9.76
SK16F10	16mm Busbar Clamp	10mm	€ 3.69
SK35F10	35mm Busbar Clamp	10mm	€ 7.87
SK70F10	70mm Busbar Clamp	10mm	€ 9.54
SK120F10	120mm Busbar Clamp	10mm </td <td>€ 9.76</td>	€ 9.76



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<sub>cw</sub>, 1 sec) is equal to the service short-circuit breaking capacity (I<sub>cs</sub>) 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		€ 4,680.85
GAR 212S	1250A	Fixed	60kA	Standard			Optional		€ 4,983.79
GAR 216S	1600A	Fixed	60kA	Standard			Optional		€ 5,202.80
GAR 220S	2000A	Fixed	60kA	Standard			Optional		€ 6,104.19
GAR 325S	2500A	Fixed	60kA	Standard			Optional		€ 7,988.57
GAR 332S	3200A	Fixed	60kA	Standard			Optional		€ 8,742.06



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	€ 668.63
116 104 108	ACB Closing Coil	800 - 2000	€ 177.44
116 106 114	ACB Shunt	800 - 2000	€ 225.48
116 411 109	ACB Interlock Cable	800 - 2000	€ 163.84
116 425 001	ACB IP20 Door Frame	800 - 2000	€ 134.69

\* Accessories required to be confirmed when ordering ACB's, to allow factory fitting

MOULDED CASE CIRCUIT BREAKERS

GARO MCCB 16kA

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GE160 SF40	40	3	16	Fixed	Fixed	€ 102.43
GE160 SF63	63	3	16	Fixed	Fixed	€ 102.43
GE160 SF80	80	3	16	Fixed	Fixed	€ 102.43
GE160 SF100	100	3	16	Fixed	Fixed	€ 102.43
GE160 SF125	125	3	16	Fixed	Fixed	€ 102.43
GE160 SF160	160	3	16	Fixed	Fixed	€ 158.51



GE160 SF80

GARO MCCB 16kA Accessories

Item	Description	Trade Price
GS160 ADAPTOR	Din rail Adaptor 160AF	€ 12.06
GS160 AUX	GS160 and GS250 Auxiliary Switch	€ 23.52
GS160 BARRIER	GS160 and GS250 inter pole Phase Barrier	€ 2.76
GS160 S1 HANDLE	GS160 External Handle Type S1	€ 99.43
GS160 LOCK	GS160 Locking Device for Handle	€ 12.84
GS160 SHROUD	GS160 Terminal Shroud	€ 10.82
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	€ 60.04
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	€ 88.51
GS160BAR	GE160 Spreader Bars ( not suitable for GS160)	€ 18.28



GS160 AUX

GARO MCCB 25kA

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GS160 SCJ25	25	3	25	0.63	Fixed	€ 197.16
GS160 SCJ40	40	3	25	0.63	Fixed	€ 197.16
GS160 SCJ63	63	3	25	0.63	Fixed	€ 197.16
GS160 SCJ80	80	3	25	0.63	Fixed	€ 197.16
GS160 SCJ100	100	3	25	0.63	Fixed	€ 197.16
GS160 SCJ125	125	3	25	0.63	Fixed	€ 212.85
GS160 SCJ160	160	3	25	0.63	Fixed	€ 277.34



GS160 SCJ100

GARO MCCB 25kA Accessories

Item	Description	Trade Price
GS160 ADAPTOR	Din rail Adaptor 160AF	€ 12.06
GS160 AUX	GS160 and GS250 Auxiliary Switch	€ 23.52
GS160 BARRIER	GS160 and GS250 inter pole Phase Barrier	€ 2.76
GS160 S1 HANDLE	GS160 External Handle Type S1	€ 99.43
GS160 LOCK	GS160 Locking Device for Handle	€ 12.84
GS160 SHROUD	GS160 Terminal Shroud	€ 10.82
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	€ 60.04
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	€ 88.51



GS160 LOCK

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	€ 219.59
GS160 SJ80	80	3	40	0.63	Fixed	€ 219.59
GS160 SJ100	100	3	40	0.63	Fixed	€ 219.59
GS160 SJ125	125	3	40	0.63	Fixed	€ 256.87
GS160 SJ160	160	3	40	0.63	Fixed	€ 335.11
GS250 SJ200	200	3	40	0.63	1 - 10	€ 345.25
GS250 SJ250	250	3	40	0.63	1 - 10	€ 366.11
GS 400 NJ	400	3	50	0.63	1 - 10	€ 842.24



GS160 SJ80

GARO MCCB 40kA Accessories



GS250 S1 HANDLE

Item	Description	Trade Price
GS160 AUX	GS160 and GS250 Auxiliary Switch	€ 23.52
GS160 LOCK	GS160 Locking Device for Handle	€ 12.84
GS160 SHUNT	GS160 and GS250 Shunt Trip 230V	€ 60.04
GS160 UVT	GS160 and GS250 Under Voltage Trip 240V AC	€ 88.51
GS250 BAR	GS250 set of 3 Spreader Bars	€ 21.93
GS250 S1 HANDLE	GS250 External Handle Type S1	€ 142.74
GS250 SHROUD	GS250 Terminal Shroud	€ 28.36
GS160ADAPTOR	Din Rail Adapter 160AF	€ 12.06
GS160S1HANDLE	GS160 External Handle S000 Type	€ 99.43

GARO 250A - 630A ELECTRONIC BREAKERS

Item	Rating (A)	Poles	Rating (kA)	Thermal	Magnetic	Trade Price
GS250 GE250	250	3	65	.40	1 - 10	€ 801.79
GS400 NE	400	3	50	.40	1 - 10	€ 963.47
GS400S2HANDLE	400	3	50	.40	1-10	€ 121.33
GS630 CE	630	3	50	.40	1 - 10	€ 1,565.58



MOULDED CASE CIRCUIT BREAKERS

GARO Electronic Accessories

Item	Description	Trade Price
GS250 BAR	GS250 set of 3 Spreader Bars	€ 21.93
GS250 S1 HANDLE	GS250 External Handle Type S1	€ 142.74
GS250 SHROUD	GS250 Terminal Shroud	€ 28.36
GS250 GE BAR	GE250 Electronic MCCB Spreaders	€ 21.94
GS250 GE S1 HANDLE	GE250 Electronic MCCB Handle	€ 83.44
GS250 GE SHROUD	GE250 Terminal Shroud	€ 27.42
GS250 GE UVT	250A Electronic MCCB Undervoltage	€ 91.15
GS400 AUX	GS400 and GS630 Auxiliary Switch	€ 23.14
GS400 BAR	GS400 set of 3 Spreader Bars	€ 29.42
GS400 BARRIER	GS400 and GS630 inter pole Phase Barrier	€ 4.68
GS400 S2 HANDLE	GS400 and GS630 External Handle Type S2	€ 121.33
GS400 SHROUD	GS400 and GS630 Terminal Shroud	€ 44.52
GS400 SHUNT	GE250-GS100 Shunt Trip 230V	€ 61.85
GS400 UVT	GS400 and GS630 Under Voltage Trip 250V AC	€ 91.15
GS630 BAR	GS630 set of 3 Spreader Bars	€ 48.64



GS400 UVT



GS800 NE

GARO 800A - 1000A Electronic Breakers

Item	Rating (A)	Rating (kA)	Trade Price
GS800 NE	800	50	€ 2,244.76
GS1000 NE	1000	50	€ 2,788.42

GARO 800A - 1000A Accessories

Item	Description	Trade Price
GS800 BAR	GS800 set of 3 spreader bars	€ 139.62
GS800 BARRIER	GS800 and GS1000 inter pole Phase Barrier	€ 5.12
GS800 INTERLOCK	800A - 1000A Mechanical Interlock	€ 397.94
GS800 S2 HANDLE	800A - 1000A MCCB External Handle	€ 257.07
GS800 SHROUD	GS800 Terminal Shroud	€ 62.30
GS400 SHUNT	GE250-GS100 Shunt Trip 230V	€ 61.85
GS800 UVT	800A - 1000A MCCB Under Voltage	€ 105.16

POWER CONTACTORS

Magnetic Contactors (230V coil)

Item	AC21	AC23	AC23 (kW) 380V	Poles	Trade Price
MC-9A	25	9	4	3	€ 21.43
MC-12B	25	12	5.5	3	€ 23.73
MC-18B	40	18	7.5	3	€ 30.41
MC-22B	40	22	9	3	€ 33.76
MC-32A	50	32	15	3	€ 49.07
MC-65A	100	65	30	3	€ 119.85
MC-75A	110	75	37	3	€ 130.89
MC-85A	135	85	45	3	€ 139.56
MC-100A	135	100	50	3	€ 246.82
MC-130A	150	130	60	3	€ 321.38
MC-150A	200	150	75	3	€ 349.46
MC-185A	230	185	90	3	€ 453.40
MC-225A	260	225	130	3	€ 535.48
MC-265A	280	265	145	3	€ 772.09
MC-330A	350	330	160	3	€ 812.79
MC-400A	420	400	220	3	€ 958.12



MC-32A

Accessories

Item	Description	Type	Function	Trade Price
UA-1	Auxiliary Contact side mount	MC-9A - MC-150A	1 NO - 1 NC	€ 9.30
UA-4	Auxiliary Contact front mount	MC-9A - MC-150A	2NO - 2NC	€ 11.48
UR-02	Mechanical Interlock	MC-9A - MC-150A		€ 25.11
AR-180	Mechanical Interlock	MC-185A - MC-400A		€ 76.40
AR-600	Mechanical Interlock	MC-500A - MC-800A		€ 722.22



UA-4



ATyS M AUTOMATIC TRANSFER SWITCH

ATyS dM - 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	€ 1,121.60
9323 2006	63	2	d M	63	63	230 volt	€ 1,202.51
9323 2008	80	2	d M	80	80	230 volt	€ 1,276.32
9323 2010	100	2	d M	100	100	230 volt	€ 1,368.68
9323 2012	125	2	d M	125	125	230 volt	€ 1,442.43
9323 2016	160	2	d M	160	160	230 volt	€ 1,756.86
9323 4004	40	4	d M	40	40	230 volt	€ 1,308.48
9323 4006	63	4	d M	63	63	230 volt	€ 1,342.10
9323 4008	80	4	d M	80	80	230 volt	€ 1,424.70
9323 4010	100	4	d M	100	100	230 volt	€ 1,527.88
9323 4012	125	4	d M	125	125	230 volt	€ 1,610.48
9323 4016	160	4	d M	160	160	230 volt	€ 1,961.58

*\*Please note the ATyS dM is not a fully automatic changeover switch. Separate controls are needed.*

ATyS gM - Motorised and Fully Automatic Transfer Switch- (Mains/Gen or M/M)

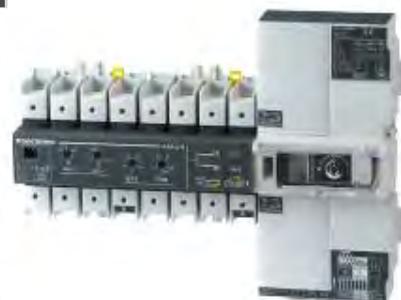
Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9353 2004	40	2	g M	40	40	230 volt	€ 1,732.86
9353 2006	63	2	g M	63	63	230 volt	€ 1,791.25
9353 2008	80	2	g M	80	80	230 volt	€ 1,869.09
9353 2010	100	2	g M	100	100	230 volt	€ 1,966.44
9353 2012	125	2	g M	125	125	230 volt	€ 2,024.85
9353 2016	160	2	g M	160	160	230 volt	€ 2,307.07
9354 4004	40	4	g M	40	40	230 volt	€ 1,910.15
9354 4006	63	4	g M	63	63	230 volt	€ 1,935.88
9354 4008	80	4	g M	80	80	230 volt	€ 2,169.50
9354 4010	100	4	g M	100	100	230 volt	€ 2,436.53
9354 4012	125	4	g M	125	125	230 volt	€ 2,636.81
9354 4016	160	4	g M	160	160	230 volt	€ 3,037.30

ATyS tM – Motorised and Fully Automatic Transfer Switch (Mains/Mains only)

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9344 4004	40	4	t M	40	40	230 volt	€ 1,875.15
9344 4006	63	4	t M	63	63	230 volt	€ 1,894.25
9344 4008	80	4	t M	80	80	230 volt	€ 2,122.86
9344 4010	100	4	t M	100	100	230 volt	€ 2,384.16
9344 4012	125	4	t M	125	125	230 volt	€ 2,580.12
9344 4016	160	4	t M	160	160	230 volt	€ 2,972.04



ATyS d M



ATyS g M



ATyS tM

ATyS M AUTOMATIC 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	€ 3,118.78
9364 4008	80	4	pM	80	80	230 volt	€ 3,484.04
9364 4010	100	4	pM	100	100	230 volt	€ 3,828.55
9364 4012	125	4	pM	125	125	230 volt	€ 4,129.58
9364 4016	160	4	pM	160	160	230 volt	€ 4,925.30

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	€ 3,461.85
9384 4008	80	4	pM	80	80	230 volt	€ 3,745.93
9384 4010	100	4	pM	100	100	230 volt	€ 4,260.03
9384 4012	125	4	pM	125	125	230 volt	€ 4,619.90
9384 4016	160	4	pM	160	160	230 volt	€ 5,367.58



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	€ 134.45
1309 2016	160	2	ATyS M	160	160	€ 219.95
1309 4006	63 - 125	4	ATyS M	125	125	€ 234.64
1309 4016	160	4	ATyS M	160	160	€ 351.96



Bridging Bars

ATyS M Accessories

Item	Item	Rating (A)	Poles	Trade Price
2294 4016	Shroud	63 - 160	4	€ 39.92
1399 4006	Voltage Tap	63 - 160	2	€ 93.87
1309 1001	Auxiliary Contacts	63 - 160		€ 199.46
1359 0000	Sealed Cover	63 - 160	4	€ 205.49
1399 4017	Terminal Extension			€ 188.97
9599 2010	D10 Interface PM	63 - 160		€ 345.75
9599 2020	D20 Interface PM	63 - 160		€ 537.27
1599 2009	3mtr. RJ45 Cable			€ 22.77



9599 2020

ATyS M MOTORISED & AUTOMATIC TRANSFER SWITCH

ATyS R Motorised Transfer Switch (for use with separate control circuit)

Item	Rating (A)	Poles	Frame	AC21 (A)	AC23 (A)	Control	Trade Price
9523 3016	160	3	r	160	160	230 volt	€ 2,320.59
9523 3025	250	3	r	250	250	230 volt	€ 2,744.83
9523 3040	400	3	r	400	400	230 volt	€ 3,735.99
9523 3063	630	3	r	630	630	230 volt	€ 4,740.09
9523 3080	800	3	r	800	800	230 volt	€ 6,946.75
9523 3100	1000	3	r	1000	1000	230 volt	€ 8,145.71
9523 3120	1250	3	r	1250	1250	230 volt	€ 8,489.40
9523 3160	1600	3	r	1600	1600	230 volt	€ 12,048.82

\*Please note the ATyS R is not a fully automatic changeover switch. Separate controls are needed

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	€ 4,732.66
9573 3025	250	3	p	250	250	230 volt	€ 5,376.69
9573 3040	400	3	p	400	400	230 volt	€ 6,733.06
9573 3063	630	3	p	630	630	230 volt	€ 8,977.34
9573 3080	800	3	p	800	800	230 volt	€ 11,514.50
9573 3100	1000	3	p	1000	1000	230 volt	€ 11,807.18
9573 3120	1250	3	p	1250	1250	230 volt	€ 13,319.74
9573 3160	1600	3	p	1600	1250	230 volt	€ 16,403.25
9573 3200	2000	3	p	2000	1600	230 volt	€ 19,595.75
9573 3250	2500	3	p	2500	1600	230 volt	€ 25,732.32
9573 3320	3200	3	p	3200	1600	230 volt	€ 29,679.27

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	€ 4,160.26
9573 4016	160	4	p	160	160	230 volt	€ 4,822.81
9573 4025	250	4	p	250	250	230 volt	€ 5,506.61
9573 4040	400	4	p	400	400	230 volt	€ 6,917.57
9573 4063	630	4	p	630	630	230 volt	€ 9,255.88
9573 4080	800	4	p	800	800	230 volt	€ 11,886.51
9573 4100	1000	4	p	1000	1000	230 volt	€ 12,373.67
9573 4120	1250	4	p	1250	1250	230 volt	€ 13,981.27
9573 4160	1600	4	p	1600	1250	230 volt	€ 17,157.46
9573 4200	2000	4	p	2000	1600	230 volt	€ 19,884.54
9573 4250	2500	4	p	2500	1600	230 volt	€ 26,443.98
9573 4320	3200	4	p	3200	1600	230 volt	€ 30,763.09



ATyS r



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	€ 3,438.28
9553 3016	160	3	g	160	€ 3,846.28
9553 3025	250	3	g	250	€ 4,447.14
9553 3040	400	3	g	400	€ 5,574.68
9553 3063	630	3	g	630	€ 6,883.96
9553 3080	800	3	g	800	€ 7,828.33
9553 3100	1000	3	g	1000	€ 9,922.02
9553 3120	1250	3	g	1250	€10,094.88

ATyS g Automatic Transfer Switches 4 Pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
9553 4012	125	4	g	125	€3,588.38
9553 4016	160	4	g	160	€3,987.41
9553 4025	250	4	g	250	€ 4,658.21
9553 4040	400	4	g	400	€ 5,820.10
9553 4063	630	4	g	630	€ 7,120.41
9553 4080	800	4	g	800	€ 8,210.40
9553 4100	1000	4	g	1000	€10,450.33
9553 4120	1250	4	g	1250	€10,650.25



ATyS g

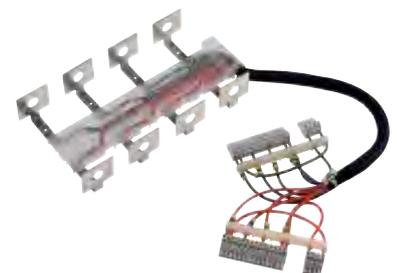
ATyS Voltage Sensing Kit 3 pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
1559 3012	125 - 160	3	g-p	230 volt	€ 218.88
1559 3025	250	3	g-p	230 volt	€ 218.88
1559 3040	400	3	g-p	230 volt	€ 218.88
1559 3063	630	3	g-p	230 volt	€ 218.88
1559 3080	800 - 1000	3	g-p	230 volt	€ 415.88
1559 3120	1250	3	g-p	230 volt	€ 415.88
1559 3160	1600	3	g-p	230 volt	€ 415.88
1599 3200	2000 - 3200	3	g-p	230 volt	€ 378.07



ATyS Voltage Sensing Kit 4 pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
1559 4012	125 - 160	4	g-p	230 volt	€ 218.88
1559 4025	250	4	g-p	230 volt	€ 218.88
1559 4040	400	4	g-p	230 volt	€ 218.88
1559 4063	630	4	g-p	230 volt	€ 218.88
1559 4080	800 - 1000	4	g-p	230 volt	€ 415.88
1559 4120	1250	4	g-p	230 volt	€ 415.88
1559 4160	1600	4	g-p	230 volt	€ 415.88
1599 4200	2000 - 3200	4	g-p	230 volt	€ 378.07



ATyS M MOTORISED & AUTOMATIC TRANSFER SWITCH

ATyS Bridging Bars 1 Pole

Item	Rating (A)	Poles	Frame	AC23(A)	Trade Price
4109 0019	125 - 160	1	r-g-p	125	€ 34.64
4109 0025	250	1	r-g-p	250	€ 36.01
4109 0039	400	1	r-g-p	400	€ 45.57
4109 0063	630	1	r-g-p	630	€ 62.15
4109 0080	800 - 1000	1	r-g-p	800 - 1000	€ 86.06
4109 0120	1250	1	s-g-p	1250	€ 135.50
4109 0160	1600	1	s-g-p	1600	€ 217.59



Bridging Bars

ATyS Terminal Screen

Item	Rating (A)	Poles	Frame	Position	Trade Price
1509 3012	125	3	Screen	Top - Bottom	€68.40
1509 4012	125	4	Screen	Top - Bottom	€68.40
1509 3025	250 - 400	3	Screen	Top - Bottom	€ 85.80
1509 4025	250 - 400	4	Screen	Top - Bottom	€ 81.00
1509 3063	500 - 630	3	Screen	Top - Bottom	€ 168.51
1509 4063	500 - 630	4	Screen	Top - Bottom	€ 187.08
1509 3080	800 - 1250	3	Screen	Top - Bottom	€ 174.37
1509 4080	800 - 1250	4	Screen	Top - Bottom	€ 115.74
1509 3160	1600	3	Screen	Top - Bottom	€ 201.17



1509 3025

Accessories

Item	Rating (A)	Poles	Frame	Function	Trade Price
4825 0092	125 - 3200	3 & 4	P	RS485 Module	€ 201.17
15992001	125-3200	3&4	P	2 input-2 output	€223.19
4825 0203	125-3200			Ethernet Module	€ 191.12



ATyS Door Protective Surround

Item	Rating (A)	Poles	Frame	Function	Trade Price
1539 0012	125 - 630	3 & 4	p-g	Door Surround	€ 111.13
1539 0080	800 - 3200	3 & 4	p-g	Door Surround	€ 111.13

1529 0080



ATyS Interface Units

Item	Rating (A)	Poles	Frame	Function	Trade Price
9599 2010	125 - 3200	3 & 4	p-g	Remote Display D10	€ 345.75
9599 2020	125 - 3200	3 & 4	p	Remote Display D20	€ 537.27



9599 2020

ATyS Control Relays

Item	Function	Trade Price
1600 0025	ATyS C25 Controller for Switch or Contactor	€ 689.83
1600 0035	ATyS C35 Controller for Switch, Contactor or Breaker	€ 945.81
1600 0055	ATyS C55 Controller for Switch, Contactor or Breaker	€ 1,416.16
1600 0065	ATyS Advanced C65 Controller for Switch, Contactor or Breaker	€ 2,115.67

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	€ 1,932.91
TS260 IP55	60	2	55	300	400	200	€ 1,987.60
TS280 IP55	80	2	55	300	400	200	€ 2,056.88
TS2100 IP55	100	2	55	300	400	200	€ 2,151.72
TS2125 IP55	125	2	55	300	400	200	€ 2,197.28
TS2160 IP55	160	2	55	300	400	200	€ 2,534.66
TS440 IP55	40	4	55	400	400	200	€ 2,137.14
TS460 IP55	60	4	55	400	400	200	€ 2,169.94
TS480 IP55	80	4	55	400	400	200	€ 2,374.17
TS4100 IP55	100	4	55	400	400	200	€ 2,618.55
TS4125 IP55	125	4	55	400	400	200	€ 2,797.23
TS4160 IP55	160	4	55	400	400	200	€ 3,244.00



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	€ 5,671.46
TS3400 IP55	400	3	55	400	600	300	€ 6,312.92
TS3630 IP55	630	3	55	600	800	400	€ 9,883.30
TS3800 IP55	800	3	55				€ 12,483.63
TS31000 IP55	1000	3	55				€ 14,744.76
TS31250 IP55	1250	3	55				€ 16,145.21
TS4400 IP55	400	4	55	400	600	300	€ 6,699.51
TS4630 IP55	630	4	55	600	800	400	€ 10,165.98
TS4800 IP55	800	4	55				€ 12,877.51
TS41000 IP55	1000	4	55				€ 15,271.76
TS41250 IP55	1250	4	55				€ 16,776.14

## 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	€ 30.72
2200 3003	32	3	M1	32	32	15	€ 40.05
2200 3004	40	3	M1	40	40	18.5	€ 42.35
2200 3006	63	3	M2	63	63	30	€ 50.90
2200 3008	80	3	M2	80	80	37	€ 64.80
2200 3009	100	3	M2	100	100		€ 86.85
2200 3010	100	3	M3	100	100	45	€ 92.80
2200 3011	125	3	M3	125	125	55	€ 108.11



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	€ 129.83
2200 4012	125	4	MV	125	125	55	€ 165.96
2200 3016	160	3	MV	160	160	75	€ 158.71
2200 4016	160	4	MV	160	160	75	€ 210.97

### 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	€ 12.99
2200 5009	63 - 80	Unswitched	M2	80	80	37	€ 15.56
2200 5011	100 - 125	Unswitched	M3	125	125	55	€ 28.35
2200 1004	20 - 40	Switched	M1	40	40	18.5	€ 13.97
2200 1008	63 - 80	Switched	M2	80	80	37	€ 19.60
2200 1011	100 - 125	Switched	M3	125	125	55	€ 31.36
2200 9005	20 - 40	Earth	M1	40	40	18.5	€ 12.99
2200 9009	63 - 80	Earth	M2	80	80	37	€ 18.94
2200 9011	100 - 125	Earth	M3	125	125	55	€ 28.35



Additional Module

### SIRCO M - MV Auxiliary Contacts



Aux Contact

Item	Rating (A)	Modules	Frame	AC21 (A)	Contact	Trade Price
2299 0001	20 - 125	Auxiliary	Frame M	10	NO + NC	€ 19.27
2299 0011	20 - 125	Auxiliary	Frame M	10	2NO	€ 19.27
3999 0701	20 - 125	Auxiliary	Frame U	10	NC	€ 26.23
3999 0702	20 - 125	Auxiliary	Frame U	10	NO	€ 22.39

### SIRCO M - MV Direct Handle

Item	Rating (A)	Poles	Frame	Colour	Handle	Trade Price
2299 5012	20 - 80	3&4	M1-M2	Blue	M00	€ 2.65
2299 5032	100 - 125	3&4	M3	Blue	M01	€ 4.24
2299 5022	125 - 160	3&4	MV	Blue	M0	€ 7.61



MV Direct Handle

## 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	€ 47.39
1473 1111	20 - 80	3&4	M1-M2	Black	S00	65	€ 9.73
1483 1111	100 - 125	3&4	M3	Black	S0	65	€ 15.62
1493 0111	125 - 160	3&4	MV	Black	S0	65	€ 15.81
1411 2111	125 - 160	3&4	MV	Black	S1	55	€ 38.71
1473 1113	20 - 80	3&4	M1-M2	Black	Changeover	65	€ 10.82



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	€ 6.35
1407 0532	20 - 125	3&4	M1 - M3	320mm	S00	€ 9.67
1409 0620	125 - 160	3&4	MV	200mm	S0	€ 13.80
1409 0632	125 - 160	3&4	MV	320mm	S0	€ 21.09
1401 0620	125 - 160	3&4	MV	200mm	S1	€ 17.69
1401 0632	125 - 160	3&4	MV	320mm	S1	€ 28.60
1404 0520	20 - 125	3&4	M1 - M3	200mm	S01	€ 13.23
1404 0532	20 - 125	3&4	M1 - M3	320mm	S01	€ 20.03
1404 0540	20 - 125	3&4	M1 - M3	400mm	S01	€ 24.26
1429 0000			Extension Shaft Guide			€ 11.28



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	€ 37.02
2269 6009	20 - 80	3&4	M1 - M2	6 - 8 Pole	0 - I	€ 40.27
2209 6011	100 - 125	3&4	M3	Changeover	I - 0 - II	€ 160.09
2269 6011	100 - 125	3&4	M3	6 - 8 Pole	0 - I	€ 129.51
2299 6009	20 - 80	3&4	M1 - M2	Changeover	I - I+II - II	€ 47.27
2299 6011	100 - 125	3&4	M3	Changeover	I - I+II - II	€ 194.87



Conversion Kit

### SIRCO M Door Mounting Kit

22993309	20 - 80	3&4	M1 - M2	Door Mount	€ 9.68
----------	---------	-----	---------	------------	--------

### SIRCO M - MV Terminal Shrouds

Item	Rating (A)	Poles	Frame	Position	IP Rating	Trade Price
2294 3005	20 - 40	3	M1	Top-Bottom	20	€ 13.96
2294 1005	20 - 40	1	M1	Top-Bottom	20	€ 6.36
2294 3009	63 - 80	3	M2	Top-Bottom	20	€ 19.00
2294 1009	63 - 80	1	M2	Top-Bottom	20	€ 6.36
2294 3016	100 - 160	3	M3 - MV	Top-Bottom	20	€ 27.82
2294 1011	100 - 125	1	M3	Top-Bottom	20	€ 9.04
2294 4016	125 - 160	4	MV	Top-Bottom	20	€ 39.92



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	€ 153.46
2600 3017	160	3	SIRCO	160	160	80	€ 170.24
2600 3021	200	3	SIRCO	200	200	100	€ 246.45
2600 3026	250	3	SIRCO	250	250	132	€ 275.12
2600 3032	315	3	SIRCO	315	315	160	€ 338.07
2600 3039	400 CD	3	SIRCO	400	315	160	€ 352.54
2600 3041	400	3	SIRCO	400	400	220	€ 352.54
2600 3051	500	3	SIRCO	500	500	280	€ 446.92
2600 3064	630	3	SIRCO	630	500	280	€ 1,003.96
2600 3081	800	3	SIRCO	800	800	450	€ 1,164.07
2600 3099	1000	3	SIRCO	1000	1000	560	€ 1,448.95
2600 3119	1250 CD	3	SIRCO	1250	1250	710	€ 1,685.47
2600 3121	1250	3	SIRCO	1250	1250	710	€ 1,924.55
2600 3161	1600	3	SIRCO	1600	1250	710	€ 3,095.53
2600 3180	1800	3	SIRCO	1800	1250	710	€ 3,163.53
2600 3200	2000	3	SIRCO	2000	1600	710	€ 3,175.98
2600 3210	2000	3	SIRCO	2000	1600	710	€ 2,887.27
2600 3260	2500	3	SIRCO	2500	1600	710	€ 4,889.19
2600 3310	3200	3	SIRCO	3200	1600	710	€ 6,687.45
2600 3401	4000	3	SIRCO	4000	1600	710	€ 19,160.82
2600 3500	5000	3	SIRCO	5000	1600	710	€ 23,944.90



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	€ 160.98
2600 4017	160	4	SIRCO	160	160	80	€ 195.13
2600 4021	200	4	SIRCO	200	200	100	€ 280.72
2600 4026	250	4	SIRCO	250	250	132	€ 345.91
2600 4032	315	4	SIRCO	315	315	160	€ 413.05
2600 4039	400 CD	4	SIRCO	400	315	160	€ 430.60
2600 4041	400	4	SIRCO	400	400	220	€ 472.92
2600 4051	500	4	SIRCO	500	500	280	€ 652.15
2600 4064	630	4	SIRCO	630	500	280	€ 1,088.09
2600 4081	800	4	SIRCO	800	800	450	€ 1,293.07
2600 4099	1000	4	SIRCO	1000	1000	560	€ 1,679.67
2600 4119	1250 CD	4	SIRCO	1250	1250	710	€ 1,941.42
2600 4120	1250	4	SIRCO	1250	1250	710	€ 2,413.92
2600 4160	1600	4	SIRCO	1600	1250	710	€ 3,268.95
2600 4180	1800	4	SIRCO	1800	1250	710	€ 3,527.88
2600 4210	2000	4	SIRCO	2000	1600	710	€ 3,516.59
2600 4260	2500	4	SIRCO	2500	1600	710	€ 6,407.56
2600 4310	3200	4	SIRCO	3200	1600	710	€ 8,821.06
2600 4401	4000	4	SIRCO	4000	1600	710	€ 25,912.11
2600 4500	5000	4	SIRCO	5000	1600	710	€ 29,008.58



2600 4064

## LOAD BREAK SWITCHES

### SIRCO Terminal Shrouds

Item	Rating (A)	Poles	Type	Trade Price
2694 3014	125 - 160	3	IP20	€ 34.80
2694 4014	125 - 160	4	IP20	€ 34.80
2694 3021	200 - 250	3	IP20	€ 39.72
2694 4021	200 - 250	4	IP20	€ 34.21
2694 3051	315 - 630	3	IP20	€ 52.54
2694 4051	315 - 630	4	IP20	€ 52.54
2698 3012	125 - 160	3	Screen	€ 16.60
2698 4012	125 - 160	4	Screen	€ 16.60
2698 3020	200 - 250	3	Screen	€ 17.65
2698 4020	200 - 250	4	Screen	€ 17.65
2698 3050	315 - 630	3	Screen	€ 19.40
2698 4050	315 - 630	4	Screen	€ 18.89
2698 3080	800 - 1250CD	3	Screen	€ 30.51
2698 4080	800 - 1250CD	4	Screen	€ 32.09
2698 3120	1250 - 1800	3	Screen	€ 73.08
2698 4120	1250 - 1800	4	Screen	€ 74.85
2698 3200	2000 - 3200	3	Screen	€ 189.66
2698 4200	200 - 3200	4	Screen	€ 202.16



Terminal Shrouds



Terminal Screen

### SIRCO Distribution Kit



Distribution Kit

Item	Rating (A)	Poles	Type	Trade Price
5411 3016	125 - 160	3	Busbar	€ 202.75
5411 4016	125 - 160	4	Busbar	€ 334.16
5411 3025	200 - 250	3	Busbar	€ 222.76
5411 4025	200 - 250	4	Busbar	€ 344.69
5411 3040	315 - 400	3	Busbar	€ 456.79
5411 4040	315 - 400	4	Busbar	€ 529.18
5411 3063	500 - 630	3	Busbar	€ 522.26
5411 4063	500 - 630	4	Busbar	€ 550.25

### SIRCO Auxiliary Contact

Item	Rating (A)	Poles	Type	Trade Price
2699 0031	125 - 3200	NO - NC	First	€ 18.40



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	€ 15.39
1400 1025	125 - 630	3 & 4	250	S2	€ 18.80
1400 1032	125 - 630	3 & 4	320	S2	€ 27.99
1400 1050	125 - 630	3 & 4	500	S2	€ 44.23
1401 1520	800 - 1800	3 & 4	200	S4	€ 34.50
1401 1532	800 - 1800	3 & 4	320	S4	€ 59.46
1401 1540	800 - 1800	3 & 4	400	S4	€ 74.61
2799 3015	2000 - 5000	3 & 4	200	SIRCO	€ 32.72
2799 3018	2000 - 5000	3 & 4	320	SIRCO	€ 76.99



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	€ 42.05
1423 2111	125 - 630	3 & 4	S2	Black	65	€ 62.75
1424 2111	125 - 630	3 & 4	S2	Red	65	€ 72.88
1443 3111	800 - 1800	3 & 4	S4	Black	65	€ 155.37
1444 4311	800 - 1800	3 & 4	S4	Red	65	€ 151.46
2799 7136	2000 - 3200	3 & 4	SIRCO	Black	65	€ 287.37
2799 7134	2000 - 3200	3 & 4	SIRCO	Red	65	€ 277.76
2799 7072	4000 - 5000	3 & 4	SIRCO	Black	55	€ 484.52



Interlockable Handle

SIRCO Direct Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
26995052	125 - 630	3 & 4	B2	Black	55	€ 19.36

CHANGEOVER SWITCHES - VM1

Changeover Switches with visible break. I-O-II Type VM1

Item	(A)	Modules	Poles	AC22-400V	AC23-400V	For cable size mm <sup>2</sup>	Trade Price
4430 3008	80	12	3	80	63	Cu50	€ 327.02
4430 4008	80	12	4	80	63	Cu50	€ 350.20
4430 3012	125	12	3	125	63	Cu50	€ 408.16
4430 4012	125	12	4	125	63	Cu50	€ 464.22



4430 4012

Accessories for Switch Type VM1

Item	Description	Trade Price
4439 0001	Auxiliary contact for VM, HS VM. 1vx AC1=0,1A-250V; 1A-125V	€ 67.87
4499 3006	Bridging Bar for VM1, 3 Pole, 125A	€ 112.26
4499 4006	Bridging Bar for VM1, 4 Pole, 125A	€ 149.11
1402 0820	Shaft extension 200mm	€ 26.74
1402 0832	Shaft extension 320mm	€ 36.32
1413 2113	External Handle black IP65	€ 78.53
4439 5012	Direct Handle	€ 20.37



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	€ 86.14
2200 3003 CO	32	3	M1	32	32	15	€ 103.29
2200 3004 CO	40	3	M1	40	40	18.5	€ 107.39
2200 3006 CO	63	3	M2	63	63	30	€ 122.96
2200 3008 CO	80	3	M2	80	80	37	€ 148.28
2200 3009 CO	100	3	M2	100	80	37	€ 194.97



2200 3006 CO

### SIRCO M Bridging Bar

Item	Rating (A)	Trade Price
2299 3005	25 - 40	€ 48.55
2299 3009	63 - 80	€ 80.10

### SIRCO M External Changeover Handle

Item	Rating (A)	Poles	Type	Colour	IP Rating	Trade Price
1473 1113	20 - 80	3	M1-M2	Black	65	€ 10.81



External Handle

### SIRCO M - MV Shaft Extensions

Item	Rating (A)	Length mm	Type	Handle	Trade Price
1407 0520	20 - 80	200	M1-M2	S00	€ 6.36
1407 0532	20 - 80	320	M1-M2	S00	€ 9.68



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	€ 570.71
41AC 3016	160	3	Sircover	160	160	80	€ 635.18
41AC 3020	200	3	Sircover	200	200	80	€ 788.37
41AC 3025	250	3	Sircover	250	250	132	€ 991.99
41AC 3040	400	3	Sircover	400	400	132	€ 1,396.22
41AC 3050	500	3	Sircover	500	500	280	€ 1,600.05
41AC 3063	630	3	Sircover	630	500	280	€ 2,298.41
41AC 3080	800	3	Sircover	800	800	450	€ 3,186.46
41AC 3100	1000	3	Sircover	1000	1000	560	€ 3,887.23
41AC 3120	1250	3	Sircover	1250	1250	710	€ 4,847.27
41AC 3160	1600	3	Sircover	1600	1250	710	€ 6,872.56
41AC 3200	2000	3	Sircover	2000	1600	710	€ 9,991.57
41AC 3250	2500	3	Sircover	2500	1600	710	€ 13,926.95
41AC 3320	3200	3	Sircover	3200	1600	710	€ 15,275.20



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	€ 607.57
41AC 4016	160	4	Sircover	160	160	80	€ 718.03
41AC 4020	200	4	Sircover	200	200	80	€ 938.18
41AC 4025	250	4	Sircover	250	250	132	€ 1,123.09
41AC 4040	400	4	Sircover	400	400	132	€ 1,581.83
41AC 4063	630	4	Sircover	630	500	280	€ 2,233.71
41AC 4080	800	4	Sircover	800	800	450	€ 4,224.41
41AC 4100	1000	4	Sircover	1000	1000	560	€ 5,187.58
41AC 4120	1250	4	Sircover	1250	1250	710	€ 5,447.23
41AC 4160	1600	4	Sircover	1600	1250	710	€ 7,688.47

CHANGEOVER BYPASS SWITCHES

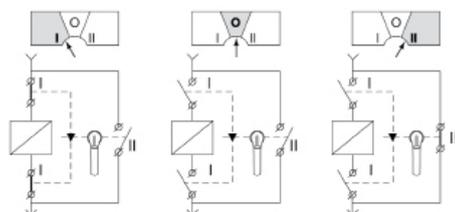
SIRCOVER BYPASS Switches

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
41AC7013	125	3+6	I - 0 - II	125	125	58	€ 844.81
41AC7016	160	3+6	I - 0 - II	160	160	75	€ 1,439.10
41AC7020	200	3+6	I - 0 - II	200	200	100	€ 1,446.74
41AC7025	250	3+6	I - 0 - II	250	250	100	€ 2,143.24
41AC7040	400	3+6	I - 0 - II	400	400	190	€ 2,375.24
41AC7063	630	3+6	I - 0 - II	630	500	235	€ 3,198.70
41AC7080	800	3+6	I - 0 - II	800	800	375	€ 5,552.78
41AC 7120	1250	3+6	I - 0 - II	1250	1250	560	€ 9,376.48
41AC7160	1600	3+6	I - 0 - II	1600	1250	560	€ 11,207.88

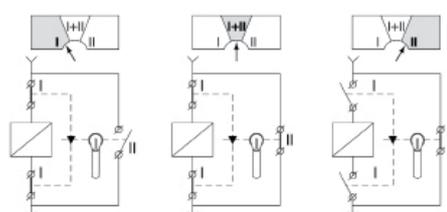


4100 7039

Bypass Schematics



Overlapping Bypass Schematics



SIRCOVER Overlapping BYPASS Switches



4190 7039

Item	Rating (A)	Poles	Type	AC21 (A)	AC23 (A)	AC23 KW	Trade Price
46AC 7013	125	3+6	I - I+II - II	125	125	58	€ 1,022.51
46AC 7016	160	3+6	I - I+II - II	160	160	75	€ 1,428.73
46AC 7019	200	3+6	I - I+II - II	200	200	100	€ 1,678.90
46AC7025	250	3+6	I - I+II - II	250	250	100	€ 2,143.96
46AC 7039	400	3+6	I - I+II - II	400	400	190	€ 2,938.23
46AC7063	630	3+6	I - I+II - II	630	500	235	€ 3,949.31
46AC9013	125	4+8	I - I+II - II	125	125	58	€ 1,133.12
46AC9025	250	4+8	I - I+II - II	250	250	100	€ 2,715.80
46AC9039	400	4+8	I - I+II - II	400	400	190	€ 3,326.81
46AC9063	630	4+8	I - I+II - II	630	500	235	€ 5,258.90
46AC9120	1250	4+8	I - I+II - II	1250	1250	560	€ 13,481.26

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	€ 102.22
1423 2113	125 - 630	S2	Sircover	Black	65	€ 132.38
1443 3113	800 - 1800	S4	Sircover	Black	65	€ 226.37
2799 7146	2000 - 3200	S4	Sircover	Black	65	€ 445.65
1421 2113	125 - 200	S2	Bypass	Black	55	€ 102.22
1423 2113	125 - 200	S2	Bypass	Black	65	€ 132.38
1433 3113	250 - 630	S3	Bypass	Black	65	€ 188.35
4199 7146	800 - 1600	S4	Bypass	Black	65	€ 434.59
1423 2114	125 - 630	S2	Overlapping	Black	65	€ 132.38



CHANGEOVER BYPASS SWITCHES

SIRCOVER - BYPASS Auxiliary Contact

Item	Rating (A)	Function	Type	Position	Trade Price
4109 0021	125 - 1600	NO - NC	Both	1st - 2nd	€ 42.50
4409 0022	2000 - 3200	NO - NC	Sircover	2nd	€ 35.94



Auxiliary Contact



Terminal Screen

SIRCOVER - BYPASS Terminal Screens

Item	Rating (A)	Pole	Type	Trade Price
1509 3012	125 - 200	3	Both	€ 85.80
1509 3025	250 - 400	3	Both	€ 85.80
1509 3063	500 - 630	3	Both	€ 168.51
1509 3080	800 - 1250	3	Both	€ 174.37
1509 3160	1600 - 1800	3	Both	€ 201.17

SIRCOVER - BYPASS Bridging Bars

Item	Rating (A)	Pole	Type	Trade Price
4109 0019	125 - 200	1	Both	€ 34.64
4109 0025	250	1	Both	€ 36.01
4109 0039	400	1	Both	€ 45.57
4109 0050	500	1	Both	€ 45.15
4109 0063	630	1	Both	€ 62.15
4109 0080	800	1	Both	€ 86.06
4109 0120	1200	1	Both	€ 135.50
4109 0160	1600	1	Both	€ 217.59



Bridging Bars

SIRCOVER - BYPASS Shaft Extension



Shaft Extension

Item	Rating (A)	Length mm	Type	Handle	Trade Price
1400 1020	125 - 630	200	Sircover	S2	€ 15.39
1400 1032	125 - 630	320	Sircover	S2	€ 27.99
1401 1520	800 - 1600	200	Sircover	S4	€ 34.50
1401 1532	800 - 1600	320	Sircover	S4	€ 59.46
2799 3018	2000 - 3200	320	Sircover		€ 76.99
1400 1020	125 - 200	200	Bypass	S2	€ 15.39
1400 1032	125 - 200	320	Bypass	S2	€ 27.99
1401 1520	250 - 630	200	Bypass	S3	€ 34.50
1401 1532	250 - 630	320	Bypass	S3	€ 59.46
2799 3018	800 - 1600	320	Bypass		€ 76.99

## 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	€ 131.06
3631 3003	32	3	10 x 38	32	32	15	€ 136.31
3831 3006	63	3	00C	63	63	30	€ 195.46
3831 3012	125	3	00	125	125	63	€ 267.42
3831 3015	160	3	00	160	160	80	€ 343.67
3831 3024	250	3	1	250	250	132	€ 600.52
3831 3039	400	3	2	400	400	220	€ 859.35
3811 3063	630	3	3	630	630	355	€ 1,479.03
3811 3080	800	3	3	800	800	450	€ 2,421.92
3811 3081	800	3	4	800	800	450	€ 3,285.64
3811 3120	1250	3	4	1250	1250	560	€ 4,206.97



3831 3006



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	€ 69.16
3829 9320	160	1	0	160	160	160	€ 64.23
3829 9325	250	1	1	250	250	250	€ 176.40
3829 9339	400	1	2	400	400	400	€ 182.72
3829 9308	630 - 800	1	3	800	800	800	€ 388.88
3829 9312	800 - 1250	1	4	1250	1250	1250	€ 665.85

### 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	€ 172.83



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	€ 38.71
1414 2111	20 - 63	3	S1	Red	65	€ 63.53
1421 2111	125 - 400	3	S2	Black	55	€ 42.05
1423 2111	125 - 400	3	S2	Black	65	€ 62.75
1424 2111	125 - 400	3	S2	Red	65	€ 72.88
1433 3111	630 - 800	3	S3	Black	65	€ 155.41
1434 3111	630 - 800	3	S3	Red	65	€ 126.09
1443 3111	800 - 1250	3	S4	Black	65	€ 155.37
1444 4311	800 - 1250	3	S4	Red	65	€ 151.46

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	€ 78.89
1414 2115	20 - 63	3	S1 Test	Red	65	€ 81.46
1423 2115	125 - 400	3	S2 Test	Black	55	€ 78.89
1424 2115	125 - 400	3	S2 Test	Red	65	€ 79.83



1413 2115

FUSERBLOC Shaft Extension



Shaft Extension

Item	Rating (A)	Length mm	Handle	Trade Price
1401 0520	20 - 32	200	S1	€ 16.71
1401 0532	20 - 32	320	S1	€ 25.36
1401 0540	20 - 32	400	S1	€ 33.31
1400 1020	63 - 400	200	S2	€ 15.39
1400 1025	63 - 400	250	S2	€ 18.80
1400 1032	63 - 400	320	S2	€ 27.99
1400 1050	63 - 400	500	S2	€ 44.23
1400 1220	630 - 800	200	S3	€ 25.30
1400 1232	630 - 1250	320	S3 - S4	€ 49.58

FUSERBLOC Auxiliary Contact

Item	Rating (A)	Switch	Type	Trade Price
3999 0701	20 - 1250	NO	U	€ 26.23
3999 0702	20 - 1250	NC	U	€ 22.39
3999 0041	20 - 1250	NC + NO	S	€ 64.78



3999 0701



Terminal Shrouds

FUSERBLOC Terminal Shrouds

Item	Rating (A)	Fuse	Type	Trade Price
3998 3016	125 - 160	00	IP20	€ 29.70
3998 3025	250 - 400	2	IP20	€ 45.23
3898 3080	630 - 800	3	IP20	€ 92.92
3898 3120	800 - 1250	4	IP20	€ 111.49

SWITCHEFUSE TYPE DO

Item	Poles	Max Rated Current A	Modules	Trade Price
STVDO 21P	1	63	1.5	€ 19.22
STVDO 22P	2	63	3	€ 53.16
STVDO 23P	3	63	4.5	€ 74.44

## DIRIS DIGIWARE DISPLAYS



## DIRIS Displays

Item	Description	Trade Price
4829 0204	D-50 Display c/w Modbus rs485 & Modbus TCP	€ 600.79
4829 0203	D-70 Display c/w Webserver EMS, BACnet, SNMP, Modbus TCP	€ 3,935.80
4829 0200	DIRIS D-30 Single Point Display for DIRIS B30	€ 403.17

## DIRIS DIGIWARE C

## DIRIS Digiware C

Item	Description	Trade Price
4829 0101	C-31 System Interface - Digiware to RS485	€ 238.55
4829 0103	C-32 Repeater - Signal Booster	€ 350.58



## MEASUREMENT MODULE

## Voltage Measurement Module

Item	Description	Trade Price
4829 0105	U-10 Voltage Input Metering	€ 276.84
4829 0106	U-20 Voltage Input Monitoring	€ 382.87
4829 0102	U-30 Voltage Input Analysis	€ 471.20



4829 0102



4829 0110

## Current Measurement Module

Item	Description	Trade Price
4829 0110	i-30 3Xi Metering	€ 312.19
4829 0111	i-31 3Xi Metering + Trend	€ 500.68
4829 0128	i-33 3Xi Metering & Monitoring	€ 406.41
4829 0130	i-35 3Xi Metering & Analysis	€ 924.75
4829 0131	i-45 4Xi Metering, Analysis & 2i-2o	€ 1,289.96
4829 0112	i-60 6Xi Metering	€ 530.70
4829 0113	i-61 6Xi Metering + Trend	€ 851.13

## CURRENT SENSOR

## TE SOLID CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0500	TE - 18 20A Solid Core CT	€ 48.32
4829 0501	TE - 18 63A Solid Core CT	€ 48.32
4829 0502	TE - 25 160A Solid Core CT	€ 59.48
4829 0503	TE - 35 250A Solid Core CT	€ 71.25
4829 0504	TE - 45 630A Solid Core CT	€ 90.13
4829 0505	TE - 55 1000A Solid Core CT	€ 108.96
4829 0506	TE - 90 2000A Solid Core CT	€ 197.67



4829 0500



4829 0555

## TR SPLIT CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0555	TR - 10 75A - 100MV Split Core CT	€ 120.84
4829 0556	TR - 14 100A - 100MV Split Core CT	€ 120.84
4829 0557	TR - 21 200A - 100MV Split Core CT	€ 133.90
4829 0558	TR - 32 600A - 100MV Split Core CT	€ 174.18

## TF FLEXIBLE (ROGOWSKI) CURRENT SENSOR

Item	Description	Trade Price
4829 0573	TF-40 400A Flexible Current Sensor	€ 551.02
4829 0575	TF-120 2000A Flexible Current Sensor	€ 618.21
4829 0577	TF-300 6000A Flexible Current Sensor	€ 685.39



4829 0570

COMMUNICATION GATEWAY DIRIS M

DIRIS M GATEWAY

Item	Description	Trade Price
4829 0221	Diris M-50 Ethernet Gateway	€ 1,300.17
4829 0222	Diris M-70 Ethernet Gateway c/w EMS Webserver	€ 3,805.53

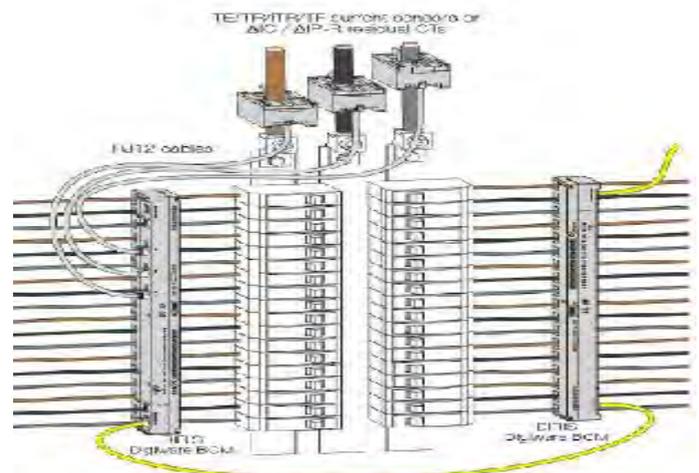
- Commissioning charges will apply if site services required



DIRIS DIGIWARE DATA CENTRE SOLUTIONS (consult us for more information)

DIRIS Digiware BCM

Multi-circuit current acquisition module with integrated sensors for power distribution units (PDU)



Residual Current Monitoring R-60

DIRIS Digiware R-60 modules combine residual current monitoring (RCM) with power metering and monitoring functions, for any combination of 1-phase, 2-phase or 3-phase circuits used in TN-S and TT earthing systems.

Digiware S Busbar Tap-off Metering

DIRIS Digiware S current modules measure single-phase or three-phase circuits up to 63 Amps. With 3 integrated current sensors, they can be fitted directly on the MCBs inside each tap-off box



## CONNECTION CABLES AND ACCESSORIES

## RJ12 CONNECTION CABLES

Item	Description	Trade Price
4829 0580	RJ12 3X0, 1M Cable	€ 21.50
4829 0581	RJ12 3X0, 2M Cable	€ 23.12
4829 0582	RJ12 3X0, 3M Cable	€ 25.37
4829 0583	RJ12 3X1M Cable	€ 35.80
4829 0584	RJ12 3X2M Cable	€ 52.46
4829 0585	RJ12 4X0, 1M Cable	€ 28.82
4829 0586	RJ12 4X0, 2M Cable	€ 30.64
4829 0587	RJ12 4X0, 3M Cable	€ 33.10
4829 0588	RJ12 4X1M Cable	€ 47.62
4829 0589	RJ12 4X2M Cable	€ 69.90
4829 0590	RJ12 6X0, 1M Cable	€ 43.22
4829 0591	RJ12 6X0 2M Cable	€ 46.10
4829 0592	RJ12 6X0 3M Cable	€ 49.78
4829 0593	RJ12 6X1M Cable	€ 71.70
4829 0594	RJ12 6X2M Cable	€ 104.82
4829 0595	RJ12 3X0, 5M Cable	€ 28.18
4829 0596	RJ12 4X0, 5M Cable	€ 37.51
4829 0597	RJ12 6X0, 5M Cable	€ 56.34
48290602	RJ12 Cable 1 x 5M Cable	€ 36.03
48290603	RJ12 Cable 1x10M Cable	€ 66.79



48290184

## RJ45 Connection Cables

Item	Description	Trade Price
4829 0181	RJ45 - 0,10M Cable	€ 8.83
4829 0182	RJ45 - 0,50M Cable	€ 12.47
4829 0183	RJ45 - 1M Cable	€ 16.67
4829 0184	RJ45 - 2M Cable	€ 25.68
4829 0180	End Line Resistance RJ45	€ 5.17
4829 0186	RJ45-5m Cable	€ 58.85
4829 0187	RJ45-10m Cable	€ 111.49
4829 0050	USB Cable Configuration	€ 13.43

## Accessories

Item	Description	Trade Price
4829 0120	P15 AUX Supply 24 VDC 15W	€ 235.62
4829 0280	RJ9 1x1, 5M	€ 12.27
4829 0281	RJ9 1x3M	€ 18.28
4854 0126	Remote Antenna DIRIS B30	€ 100.80
4854 0127	Antenna Cable 3M DIRIS B30	€ 201.62
4829 0049	Sealing Kit DIRIS B30	€ 67.20
4829 0050	USB Cable Configuration	€ 13.43
4829 0598	Splice Plate x30	€ 67.20
4829 0599	CT-5A To 100MV Adaptor	€ 75.61
4829 0600	Sealable Cover X20	€ 42.99



48290585

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	€ 887.26
4825 0501	A40 c/w Ethernet & Energy Monitoring Software	€ 1,360.81
4825 0502	Diris A40 Profibus	€ 1,273.71



RJ12 CONNECTION CABLES

Item	Description	Trade Price
4829 0583	RJ12 3X1M Cable	€ 35.80
4829 0584	RJ12 3X2M Cable	€ 52.46
4829 0602	RJ12 1x5M Cable	€ 36.03
4829 0603	RJ12 1x10 Cable	€ 66.79



4829 0584

CURRENT SENSORS

TE SOLID CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0500	TE - 18 20A Solid Core CT	€ 48.32
4829 0501	TE - 18 63A Solid Core CT	€ 48.32
4829 0502	TE - 25 160A Solid Core CT	€ 59.48
4829 0503	TE - 35 250A Solid Core CT	€ 71.25
4829 0504	TE - 45 630A Solid Core CT	€ 90.13
4829 0505	TE - 55 1000A Solid Core CT	€ 108.96
4829 0506	TE - 90 2000A Solid Core CT	€ 197.67



4829 0500



4829 0555

TR SPLIT CORE CURRENT SENSOR

Item	Description	Trade Price
4829 0555	TR - 10 75A - 100MV Split Core CT	€ 120.84
4829 0556	TR - 14 100A - 100MV Split Core CT	€ 120.84
4829 0557	TR - 21 200A - 100MV Split Core CT	€ 133.90
4829 0558	TR - 32 600A - 100MV Split Core CT	€ 174.18

TF FLEXIBLE (ROGOWSKI) CURRENT SENSOR

Item	Description	Trade Price
4829 0570	TF-55 600A Flexible Current Sensor	€ 551.02
4829 0575	TF-120 2000A Flexible Current Sensor	€ 618.21
4829 0577	TF-300 6000A Flexible Current Sensor	€ 685.39



## DIRIS ENERGY METERING



	DIRIS A10	DIRIS A10 + COM	DIRIS A20	Pulse outputs	MODBUS Com	DIRIS A30-A41	DIRIS A60
<b>Measurements</b>							
Currents(I), voltages(U), frequency(F)	*	*	*			*	*
Measuring neutral current (In)						*	
Actives(P), reactivities(Q), apparents(S) powers	*	*	*			*	*
Predictive Power						*	*
Power Factor (PF)	*	*	*			*	*
Tangent j							*
Voltage and current unbalance							*
Temperature(s)	*	*				Option1-4	Option1-4
Currents, voltages, frequency average values						*	*
Powers averages values	*	*	*			*	*
Accuracy	0.2	0.2	0.2			0.2	0.2
<b>Energy management</b>							
Energies meters (KWh, KvarH, KVAh)	*	*	*			*	*
Tariff meters	*	*					
Pulses meters	*	*				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
<b>Quality analyse and events storage</b>							
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
<b>Events and measurements historic</b>							
Load curve							*
Events & monitoring						--*	--*
Maximum average powers	kW	kW	kW			*	*
Maximum average Current	*	*	*			*	*
<b>Numeric and analogical communications</b>							
RS485 Jbus-Modbus mode RTU		*	Option		*	Option	Option
RS485 PROFIBUS-DP 12 Mbaud						Option	Option
Ethernet 10baseT - 100 baseT Modbus RTU						Option	Option
Ethernet - RS485 gateway						Option	Option
Websserver						Option	Option
Analogue outputs						Option 2...4	Option 2...4
<b>Other</b>							
Connection test and correction function	*	*	*			*	*
Optional modules "plug&play"			*			*	*
Enclosure	4 modules	4 modules	96x96 mm			96x96mm	96x96mm
Conform to IEC 61557-12	*	*	*			*	*
<b>ITEM NUMBER</b>	48250400	48250401	48250402	48250080	48250082	48250403	48250404
<b>TRADE PRICE</b>	€ 342.74	€ 589.50	€ 456.99	€ 66.12	€ 189.07	€ 912.87	€ 1,998.24
							€ 2,571.20

## DIRIS ENERGY METERING



	Pulse outputs	MODBUS com	PROFIBUS com	Ethernet	Ethernet gateway	Analogue outputs	2 inputs-2 outputs	Memory
<b>Measurements</b>								
Currents(I), voltages(U), frequency(F)								
Measuring neutral current (In)								
Actives(P), reactives(Q), apparent(S) powers								
Predictive Power								
Power Factor (PF)								
Tangent j								
Voltage and current unbalance								
Temperature(s)								
Currents, voltages, frequency average values								
Powers averages values								
Accuracy								
<b>Energy management</b>								
Energies meters (KWh, KvarH, KVAh)								
Tariff meters								
Pulses meters	*							
Load curves								
Accuracy cl. 0,5S IEC 61253-22 (KWh)								
Pulses output(s)								
<b>Quality analyse and events storage</b>								
THD								
Harmonics (row 63)								
Voltage sag, swell and interruption								
Overcurrent								
RMS 1-2 period curves storage								
Monitoring							*	
<b>Events and measurements historic</b>								
Load curve								
Events & monitoring								*
Maximum average powers								*
Maximum average Current								*
<b>Numeric and analogical communications</b>								
RS485 Jbus-Modbus mode RTU		*						
Profibus D-Sub Connector Module			*					
Ethernet 10baseT - 100 baseT Modbus RTU				*				
Ethernet - RS485 gateway					*			
Webserver				*	*			
Analogue outputs						*		
<b>Other</b>								
Connection test and correction function								
Optional modules "plug&play"								
Enclosure								
Conform to IEC 61557-12								
<b>ITEM NUMBER</b>	48250090	48250092	48250205	48250203	48250204	48250093	48250094	48250097
<b>TRADE PRICE</b>	€ 74.76	€ 350.40	€ 690.01	€ 727.35	€ 1,474.16	€ 400.44	€ 661.59	€ 800.91

## COUNTIS ENERGY METERING

	COUNTIS P04	COUNTIS E18	COUNTIS P14	COUNTIS E28	COUNTIS P34
					
Connection Mode	Single Phase Direct 45A	Single Phase Direct 80A	Single Phase Direct 100A	Three-Phase Direct 80A	Three Phase Direct 100A
Max Number of Loads measured	1	1	1	1	1
MID Certification, Module B+D (EN 50470)	●	●	●	●	●
Width (Number of DIN Modules)	1	2	2	4	4
Auxiliary Power Supply	Self Powered	Self Powered	Self Powered	Self Powered	Self Powered
Input Voltage	230 VAC	230 VAC	230 VAC	230-400 VAC	230-400 VAC
Type of Current Input	Direct	Direct	Direct	Direct	Direct
Numer of Pulse Outputs	2	0	2	1	2
<b>Communication</b>					
RS485 Modbus RTU	●	—	●	—	●
M-Bus	—	—	—	—	—
Modbus TCP Ethernet with built-in Web Server	—	●	—	●	—
<b>Functions</b>					
Total/Partial Bi directional energy (kWh, Kvarh,	●	●	●	●	●
Instantaneous Measurements	●	●	●	●	●
Dual Tarriff digita Input	—	—	●	—	●
Maximum Number of Tarriffs Managed	4	4	4	4	4
Compaatibility with webview software	●	●	●	●	●
<b>Accuracy</b>					
ITEM NUMBER	48505004	48503048	48505014	48503055	48505034
TRADE PRICE	€ 122.80	€ 759.70	€ 160.77	€ 892.13	€ 413.10
Active Energy ( EN 50470-1/3)	Class B	Class B	Class B	Class B	Class B

## COUNTIS ENERGY METERING

	COUNTIS E48	COUNTIS P44-2QCT/ P44-2QCT	COUNTIS P44-RGW	COUNTIS P44	COUNTIS E50	COUNTIS E53	COUNTIS P43-DC
							
Connection Mode	Three Phase Via CT 1/5A - Via CT 1/5	Three Phase Via Three Phase - W Quick CT Blocks	Three Phase via Rogowski Coils	Three Phase Via CT1/5	Three Phase	Three Phase	Via Shunts up to 4000A
Max Number of Loads measured	1	2(-2QCT) 4 -(4QCT)	1	1	1	1	1
MID Certification, Module B+D (EN 50470)	●	●	●	●	—	—	—
Width( Number of DIN Modules	4	4	4	4	Door	Door	2
Auxillary Power Supply	Self Powered	85-276 VAC 120-240 VDC	85-276 VAC 120-240 VDC	85-276 VAC 120-240 VDC	10..400VAC 120..350 VDC	10..400VAC 120..350 VDC	9-60VDC
Input Voltage	230..400 VAC	230.. 400 AC	230..400 VAC	230..400 VAC	230..400VAC	230..400VAC	1000 VDC
Type of Current Input	1/A/5A	3ph QCT-C CT Blocks	RGW Rogowski Coils	1A/5A	/5A CT	/5A CT	100 mV shunts
Numer of Pulse Outputs	1	0	2	2	1	Option	1
<b>Communication</b>							
RS485 Modbus RTU	—	●	●	●	—	—	●
M-Bus	—	—	—	—	—	—	—
Modbus TCP Ethernet with built-in Web Server	●	—	—	—	—	—	—
<b>Functions</b>							
Total/Partial Bi directional energy (kWh, Kvarh,	●	●	●	●	●	●	●
Instantaneous Measurements	●	●	●	●	●	●	●
Dual Tarriff digitalInput	—	—	●	●	—	4 Via RS485	—
Maximum Number of Tarriffs Managed	4	4	4	4			4
Compatitbility with webview software	●	●	●	●	—	—	●
<b>Accuracy</b>							
Active Energy ( IEC 62053-21)	Class 0.5s	Class 1	Class 1	Class 0.5s	Class 0.5s (IEC 62053-22)	Class 0.5s (IEC 62053-22)	Class 1 (IEC 62053-41)
Reactive Energy ( IEC62053-23)	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	—
Active Energy ( EN 50470-1/3)	Class C	Class B	Class B	Class C			—

QuickConnect Three-phase CTs combined with Countis P44-xQCT meters

Item	Description	Trade Price
194S0425	QCT-C 3P BLOCK 25MM 40-160A	€ 93.80
194S0435	QCT-C 3P BLOCK 35MM 63-250A	€ 102.73
194S0445	QCT-C 3P BLOCK 45MM 160-630A	€ 111.67
194S0455	QCT-C 3P BLOCK 55MM 400-1000A	€ 163.00

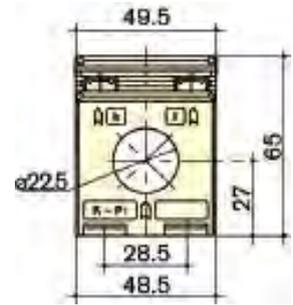
Rogowski Sensors (1 needed per phase) combined with Countis P44-xQCT meters

Item	Description	Trade Price
194S0004	ROGOWSKI 40MM	€ 221.70
194S0008	ROGOWSKI 80MM	€ 323.70
194S0012	ROGOWSKI 120MM	€ 261.67
194S0020	ROGOWSKI 200MM	€ 275.37
194S0030	ROGOWSKI 300MM	€ 290.43

CURRENT TRANSFORMERS

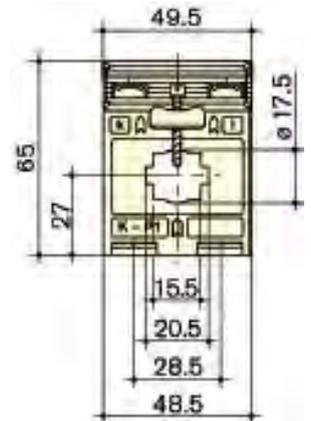
Current Transformer TCA22

Item	Rating	Cable	Bar	Trade Price
192T 2022	100A	22mm	-	€ 36.03
192T 2023	150A	22mm	-	€ 36.03
192T 2024	200A	22mm	-	€ 36.03
192T 2025	250A	22mm	-	€ 36.03
192T 2030	300A	22mm	-	€ 40.63
192T 2034	400A	22mm	-	€ 40.63
192T 2035	500A	22mm	-	€ 51.58
192T 2036	600A	22mm	-	€ 51.58



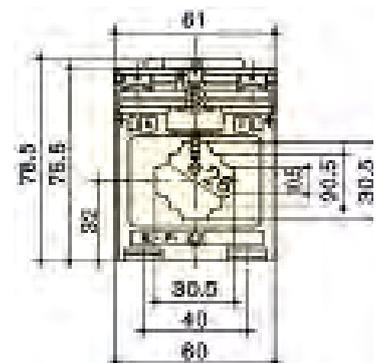
Current Transformer TCB17-20

Item	Rating	Cable	Bar	Trade Price
192T 2106	60A	17mm	20 x 5	€ 31.56
192T 2108	80A	17mm	20 x 5	€ 31.56
192T 2110	100A	17mm	20 x 5	€ 31.56
192T 2112	125A	17mm	20 x 5	€ 31.56
192T 2115	150A	17mm	20 x 5	€ 31.56
192T 2120	200A	17mm	20 x 5	€ 31.56
192T 2125	250A	17mm	20 x 5	€ 35.56
192T 2130	300A	17mm	20 x 5	€ 35.56



Current Transformer TCB26-30

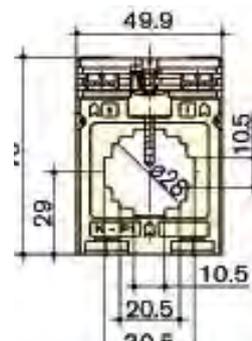
Item	Rating	Cable	Bar	Trade Price
192T 2305	50A	26mm	30 x 10	€ 40.72
192T 2310	100A	26mm	30 x 10	€ 40.72
192T 2315	150A	26mm	30 x 10	€ 40.72
192T 2320	200A	26mm	30 x 10	€ 40.72
192T 2325	250A	26mm	30 x 10	€ 42.58
192T 2330	300A	26mm	30 x 10	€ 47.40
192T 2340	400A	26mm	30 x 10	€ 47.40
192T 2350	500A	26mm	30 x 10	€ 51.81
192T 2360	600A	26mm	30 x 10	€ 51.81
192T 2375	750A	26mm	30 x 10	€ 58.88



## CURRENT TRANSFORMERS

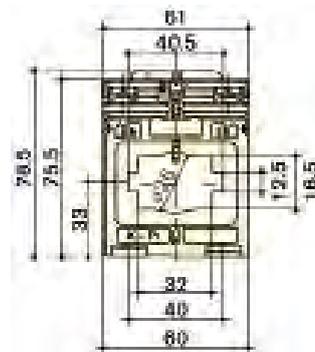
## Current Transformer TCB28-30

Item	Rating	Cable	Bar	Trade Price
192T 2410	100A	28mm	30 x 10	€ 46.78
192T 2415	150A	28mm	30 x 10	€ 46.78
192T 2420	200A	28mm	30 x 10	€ 46.78
192T 2425	250A	28mm	30 x 10	€ 46.78
192T 2430	300A	28mm	30 x 10	€ 47.40
192T 2440	400A	28mm	30 x 10	€ 47.40
192T 2450	500A	28mm	30 x 10	€ 51.82



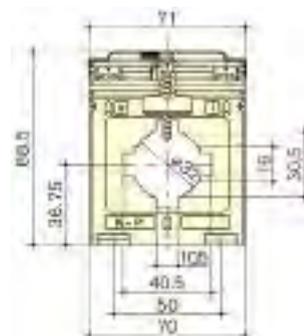
## Current Transformer TCB26-40

Item	Rating	Cable	Bar	Trade Price
192T 3210	100A	26mm	40 x 12	€ 41.85
192T 3212	125A	26mm	40 x 12	€ 41.85
192T 3215	150A	26mm	40 x 12	€ 41.85
192T 3220	200A	26mm	40 x 12	€ 41.85
192T 3225	250A	26mm	40 x 12	€ 41.85
192T 3230	300A	26mm	40 x 12	€ 41.85
192T 3240	400A	26mm	40 x 12	€ 41.85
192T 3260	600A	26mm	40 x 12	€ 41.85



## Current Transformer TCB32-40

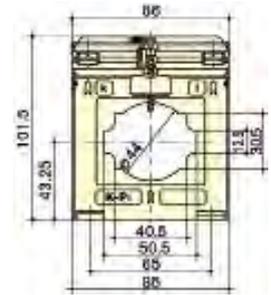
Item	Rating	Cable	Bar	Trade Price
192T 4005	50A	32mm	40 x 10	€ 47.21
192T 4006	60A	32mm	40 x 10	€ 47.21
192T 4007	75A	32mm	40 x 10	€ 47.21
192T 4010	100A	32mm	40 x 10	€ 47.21
192T 4012	125A	32mm	40 x 10	€ 47.21
192T 4015	150A	32mm	40 x 10	€ 47.21
192T 4020	200A	32mm	40 x 10	€ 52.11
192T 4025	250A	32mm	40 x 10	€ 53.72
192T 4030	300A	32mm	40 x 10	€ 53.72
192T 4040	400A	32mm	40 x 10	€ 53.72
192T 4050	500A	32mm	40 x 10	€ 53.72
192T 4060	600A	32mm	40 x 10	€ 65.17
192T 4075	750A	32mm	40 x 10	€ 65.17
192T 4080	800A	32mm	40 x 10	€ 62.07
192T 4090	1000A	32mm	40 x 10	€ 62.66



## CURRENT TRANSFORMERS

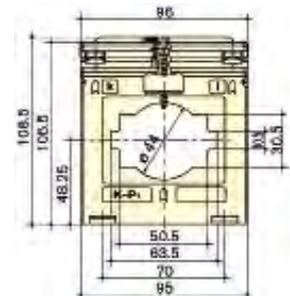
## Current Transformer TCB44-50

Item	Rating	Cable	Bar	Trade Price
192T 5010	100A	44mm	50 x 12	€ 43.68
192T 5012	125A	44mm	50 x 12	€ 43.68
192T 5015	150A	44mm	50 x 12	€ 43.68
192T 5020	200A	44mm	50 x 12	€ 43.68
192T 5025	250A	44mm	50 x 12	€ 43.68
192T 5030	300A	44mm	50 x 12	€ 43.68
192T 5040	400A	44mm	50 x 12	€ 48.10
192T 5050	500A	44mm	50 x 12	€ 55.10
192T 5060	600A	44mm	50 x 12	€ 55.10
192T 5075	750A	44mm	50 x 12	€ 55.33
192T 5080	800A	44mm	50 x 12	€ 68.56
192T 5090	1000A	44mm	50 x 12	€ 68.56
192T 5092	1200A	44mm	50 x 12	€ 68.56
192T 5095	1250A	44mm	50 x 12	€ 65.29



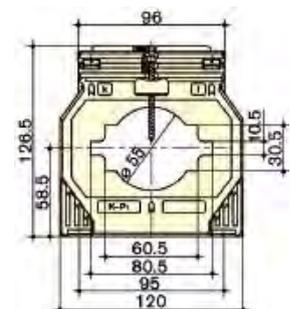
## Current Transformer TCB44-63

Item	Rating	Cable	Bar	Trade Price
192T 6420	200A	44mm	63 x 10	€ 55.47
192T 6425	250A	44mm	63 x 10	€ 55.47
192T 6430	300A	44mm	63 x 10	€ 55.47
192T 6440	400A	44mm	63 x 10	€ 55.47
192T 6450	500A	44mm	63 x 10	€ 59.20
192T 6460	600A	44mm	63 x 10	€ 59.20
192T 6475	750A	44mm	63 x 10	€ 59.20
192T 6480	800A	44mm	63 x 10	€ 82.51
192T 6490	1000A	44mm	63 x 10	€ 82.51
192T 6492	1200A	44mm	63 x 10	€ 87.01
192T 6493	1250A	44mm	63 x 10	€ 87.01
192T 6494	1600A	44mm	63 x 10	€ 87.01
192T 6495	1500A	44mm	63 x 10	€ 82.87



## Current Transformer TCB55-80

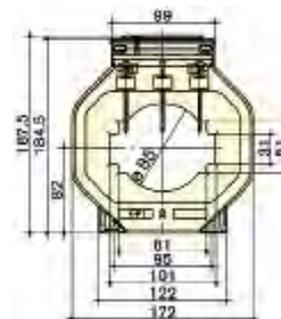
Item	Rating	Cable	Bar	Trade Price
192T 8140	400A	55mm	80 x 10	€ 53.72
192T 8150	500A	55mm	80 x 10	€ 59.20
192T 8160	600A	55mm	80 x 10	€ 59.20
192T 8180	800A	55mm	80 x 10	€ 67.81
192T 8190	1000A	55mm	80 x 10	€ 84.20
192T 8192	1200A	55mm	80 x 10	€ 84.20
192T 8193	1250A	55mm	80 x 10	€ 84.20
192T 8195	1500A	55mm	80 x 10	€ 84.20
192T 8194	1600A	55mm	80 x 10	€ 94.03
192T 8196	2000A	55mm	80 x 10	€ 119.79



CURRENT TRANSFORMERS

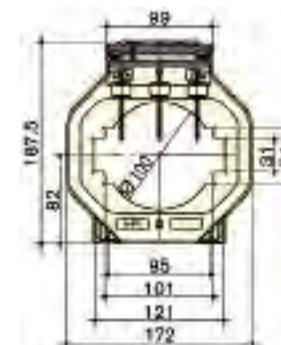
Current Transformer TCB85-100

Item	Rating	Cable	Bar	Trade Price
192T 9675	750A	85mm	100 x 20	€ 117.16
192T 9680	800A	85mm	100 x 20	€ 117.16
192T 9690	1000A	85mm	100 x 20	€ 117.16
192T 9692	1200A	85mm	100 x 20	€ 131.40
192T 9693	1250A	85mm	100 x 20	€ 131.40
192T 9695	1500A	85mm	100 x 20	€ 131.40
192T 9694	1600A	85mm	100 x 20	€ 149.79
192T 9696	2000A	85mm	100 x 20	€ 155.39
192T 9697	2500A	85mm	100 x 20	€ 149.42



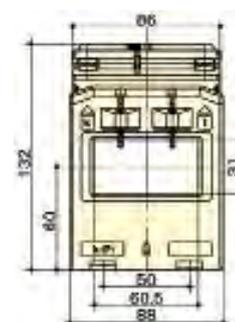
Current Transformer TCB100-125

Item	Rating	Cable	Bar	Trade Price
192T 9590	1000A	100mm	120 x 20	€ 155.39
192T 9592	1200A	100mm	120 x 20	€ 162.63
192T 9593	1250A	100mm	120 x 20	€ 166.46
192T 9595	1500A	100mm	120 x 20	€ 166.46
192T 9596	2000A	100mm	120 x 20	€ 166.46
192T 9597	2500A	100mm	120 x 20	€ 232.97
192T 9598	3000A	100mm	120 x 20	€ 232.97



Current Transformer TBA60

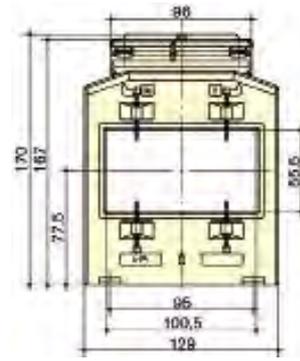
Item	Rating	Bar	Trade Price
192T 7020	200A	60 x 30	€ 134.75
192T 7025	250A	60 x 30	€ 134.75
192T 7030	300A	60 x 30	€ 134.75
192T 7040	400A	60 x 30	€ 134.75
192T 7050	500A	60 x 30	€ 134.75
192T 7060	600A	60 x 30	€ 134.75
192T 7075	750A	60 x 30	€ 134.75
192T 7080	800A	60 x 30	€ 134.75
192T 7090	1000A	60 x 30	€ 134.75
192T 7092	1200A	60 x 30	€ 140.51
192T 7093	1250A	60 x 30	€ 140.40
192T 7095	1500A	60 x 30	€ 140.40
192T 7094	1600A	60 x 30	€ 140.40



## CURRENT TRANSFORMERS

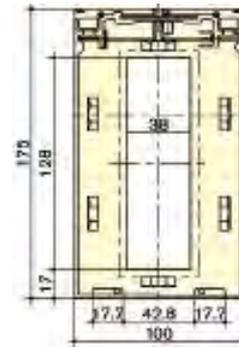
## Current Transformer TBA100

Item	Rating	Bar	Trade Price
192T 8060	600A	100 x 55	€ 171.05
192T 8075	750A	100 x 55	€ 171.05
192T 8080	800A	100 x 55	€ 171.05
192T 8090	1000A	100 x 55	€ 171.05
192T 8092	1200A	100 x 55	€ 171.05
192T 8093	1250A	100 x 55	€ 171.05
192T 8094	1600A	100 x 55	€ 171.05
192T 8095	1500A	100 x 55	€ 171.05
192T 8096	2000A	100 x 55	€ 232.97
192T 8097	2500A	100 x 55	€ 232.97



## Current Transformer TBA127

Item	Rating	Bar	Trade Price
192T 9740	400A	128 x 38	€ 131.40
192T 9750	500A	128 x 38	€ 131.40
192T 9760	600A	128 x 38	€ 131.40
192T 9775	750A	128 x 38	€ 131.40
192T 9780	800A	128 x 38	€ 131.40
192T 9790	1000A	128 x 38	€ 131.40
192T 9792	1200A	128 x 38	€ 131.40
192T 9793	1250A	128 x 38	€ 131.40
192T 9795	1500A	128 x 38	€ 131.40
192T 9796	2000A	128 x 38	€ 155.39
192T 9797	2500A	128 x 38	€ 155.39
192T 9798	3000A	128 x 38	€ 206.69
182T 9799	4000A	128 x 38	€ 300.07



## CURRENT TRANSFORMERS

## Current Transformer TCO23 - Split-Core

Item	Rating	Bar	Trade Price
192T 4601	100A	30 x 20	€ 302.76
192T 4602	150A	30 x 20	€ 302.76
192T 4603	200A	30 x 20	€ 302.76
192T 4604	250A	30 x 20	€ 302.76
192T 4605	300A	30 x 20	€ 302.76
192T 4606	400A	30 x 20	€ 302.76



192T 4605

## Current Transformer TCO58 - Split-Core

Item	Rating	Bar	Trade Price
192T 4610	100A	80 X 30	€ 342.31
192T 4625	250A	80 x 30	€ 342.31
192T 4630	300A	80 x 30	€ 342.31
192T 4640	400A	80 x 30	€ 342.31
192T 4650	500A	80 x 30	€ 342.31
192T 4660	600A	80 x 30	€ 342.31
192T 4675	750A	80 x 30	€ 342.31
192T 4680	800A	80 x 30	€ 342.31
192T 4710	1000A	80 x 30	€ 556.51

## CURRENT TRANSFORMERS - 3 POLE

## Current Transformer TCB 3 17-20

Item	Rating	Cable	Bar	Trade Price
192T 3310	100	18mm	20 X 5	€ 97.46
192T 3315	150	18mm	20 X 5	€ 97.46
192T 3320	200	18mm	20 X 5	€ 97.46
192T 3325	250	18mm	20 X 5	€ 97.46



TCB 3-1

## Current Transformer TCB 3 22-30

Item	Rating	Cable	Bar	Trade Price
192T 3425	250	22mm	30 x 10	€ 168.17
192T 3430	300	22mm	30 x 10	€ 152.88
192T 3440	400	22mm	30 x 10	€ 168.17
192T 3450	500	22mm	30 x 10	€ 152.88
192T 3460	600	22mm	30 x 10	€ 168.17



TCB 3-3

## ACCESSORIES

## Current Transformer Connection Kit

Item	Fuse Holder	Fuse	Terminals	Endstops	Trade Price
CTKIT	3 x (10 x 38)	3 x 6A	6 x Disconnect	2	€ 55.44



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



4942 3723

Item	Description	Frequency	Time delay	Trade Price
4941 3723	RESYS M40 V2 earth leakage relay Type A modular	47...63Hz	0 - 10s	€ 435.83
4942 3723	RESYS P40 V2 earth leakage relay Type A panel 48x48	47...63Hz	0 - 10s	€ 532.60

CORE BALANCE TRANSFORMERS TYPE A

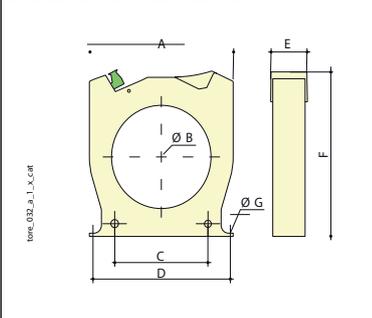
A complete range of core balance transformers dedicated to RESYS relays. These can be mounted on DIN rail, back-plate or directly on the cable. The core balance transformers (toroids) meet requirements in terms of measuring sensitivity and are suitable for RESYS M40 - P40.

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

Item	Type	Operational Current I <sub>n</sub> (A)	Toroid diameter (mm)	Trade Price
4950 6015	ΔIC Ø15	36	15	€ 125.08
4950 6030	ΔIC Ø30	65	30	€ 147.31
4950 6050	ΔIC Ø50	85	50	€ 184.40
4950 6080	ΔIC Ø60	160	80	€ 216.81
4950 6120	ΔIC Ø120	250	120	€ 281.34
4950 6200	ΔIC Ø200	400	200	€ 641.55
4950 6300	ΔIC Ø300	630	300	€ 1,212.09

Dimensions

Closed toroids - ΔIC 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	103.5M	40	.13
ΔIC Ø50	102.55	05	09	02	61	25	M5	0.18
ΔIC Ø80	1168	07	51	05	26	142.5M	50	.22
ΔIC Ø120	1631	20	1001	50	26	182.5M	60	.38
ΔIC Ø200	2532	00	1501	75 x 41.25	12	74	M6	0.88
ΔIC Ø300	3703	00	2002	50 x 41.55	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.

## NETYS PE & PR LINE INTERACTIVE UPS

Protection for small office, personal or point-of-sale applications. Ideal solution for protecting small servers, networking devices and peripherals.

Item	Description	Power (VA/W)	W x D x H	Run Time	Trade Price
NPE-B600	NETYS PE	600/360	100 x 300 x 145	15*	€153.85
NPE-0850	NETYS PE	850/480	101 x 300 x 145	20*	€276.92
NPE-1000-LCD	NETYS PE	1000/600	145 x 345 x 165	45*	€449.23
NPE-1500-LCD	NETYS PE	1500/900	146 x 390 x 205	55*	€578.46
NPE-2000-LCD	NETYS PE	2000/1200	147 x 390 x 205	60*	€741.54



Item	Description	Power (VA/W)	W x D x H	Run Time	Trade Price
NPR-1000-MT	NETYS PR - Mini Tower	1000/700	145 x 345 x 165	4**	€648.00
NPR-1500-MT	NETYS PR - Mini Tower	1500/1050	145 x 345 x 205	3**	€909.69
NPR-2000-MT	NETYS PR - Mini Tower	2000/1400	145 x 345 x 205	1**	€1,224.00



Item	Description	Power (VA/W)	W x D x H	Run Time	Trade Price
NPR-1700-RT	NETYS PR - RACK/Tower UPS	1700/1350	440 x 436 x 87	6**	€1,362.46
NPR-2200-RT	NETYS PR - RACK/Tower UPS	2200/1800	440 x 608 x 87	8**	€2,020.15
NPR-3300-RT	NETYS PR - RACK/Tower UPS	3300/2700	440 x 608 x 87	6**	€2,643.23

## RACK BATTERY EXTENSION (for NPR-xx00-RT only)

Item	Description	Trade Price
NPR-B1700-RT	Additional Battery 1700VA UPS	€739.38
NPR-B3300-RT	Additional Battery 2200-3300VA UPS	€1,406.77

NETYS PR Rack 1-3kVA Battery Extension Calculation (At Full Load)		INTERNAL	NPR-B1700-RT	2 x NPR-B1700-RT	NPR-B3300-RT	2 x NPR-B3300-RT
KVA	UPS	Run Time Minutes at typical Load				
1700	NPR-1700-RT	5	13	25		
2200	NPR-2200-RT	5			23	44
3300	NPR-3300-RT	4			13	25



Item	Description	Trade Price
MBP-1U-IEC	Manual bypass Hot Swap for UPS up to 3,3 KVA. With IEC plugs PDU	€483.23
NPR-OP-REL	Advance communication board 1 INPUT - 5 OUTPUTS. Dry contact card	€120.46

\* PC & Monitor

\*\* At 75% Full Load.

## NETYS RT Rack UPS with Internal Batteries 1kVA to 3kVA

NETYS RT is the fourth generation of single-phase rack-tower UPS, ensuring the protection and availability of IT infrastructure that meets the demands of both power reliability and installation flexibility

Item	Description	Power (VA/W)	W x D x H	Run Time	Trade Price
NRT4-U010B	Standalone c/w Lead Acid Battery	1000	438 x 445 x 86 (2U)	7	€1,337.54
NRT4-U015B	Standalone c/w Lead Acid Battery	1500	438 x 445 x 86 (2U)	4	€1,867.85
NRT4-U020B	Standalone c/w Lead Acid Battery	2000	438 x 600 x 86 (2U)	7	€2,258.31
NRT4-U030B	Standalone c/w Lead Acid Battery	3000	438 x 600 x 86 (2U)	4	€2,862.00
NRT4-LI-U010B	Standalone c/w Lithium Battery	1000	438 x 445 x 86 (2U)	18	€2,676.46
NRT4-LI-U020B	Standalone c/w Lithium Battery	2000	438 x 445 x 86 (2U)	15	€4,516.62
NRT4-LI-U030B	Standalone c/w Lithium Battery	3000	438 x 445 x 86 (2U)	20	€5,724.00

## BATTERY EXTENSION CABINET

Item	Description	W x D x H	Run Time	Trade Price
NRT4-B015	For 1000 & 1500 VA UPS lead-acid batteries*	438 x 445 x 86 (2U)	see matrix	€931.85
NRT4-B030	For 2000 & 3000 VA UPS lead-acid batteries*	438 x 600 x 86 (2U)	see matrix	€2,031.23
NRT4-LI-B010	For 1000 VA Li-Ion UPS. 48 V Lithium-Ion batteries	438 x 445 x 43 (1U)	see matrix	€3,587.54
NRT4-LI-B030	For 2000 & 3000 VA Li-Ion UPS. 76,8 V Lithium-Ion batteries.	438 x 600 x 43 (1U)	see matrix	€5,078.77

## NETYS RT Rack UPS 5-10kVA for use with external Battery Cabinet (parallel up to 30kVA)

Item	Description	Power (VA/W)	W x D x H	Run Time	Trade Price
NRT4-U050	Rack Mount NETyS RT	5000	438 x 570 x 86 (2U)	see matrix	€3,036.46
NRT4-U060	Rack Mount NETyS RT	6000	438 x 570 x 86 (2U)	see matrix	€4,014.00
NRT4-U080	Rack Mount NETyS RT	8500	438 x 570 x 86 (2U)	see matrix	€5,060.77
NRT4-U108	3P In/ SP Out Version	8500	438 x 570 x 86 (2U)	see matrix	€5,769.69
NRT4-U110	3P In/ SP Out Version	10000	438 x 570 x 86 (2U)	see matrix	€6,367.85

## BATTERY EXTENSION CABINET

Item	Description	W x D x H	Run Time	Trade Price
NRT4-B060	For 5000 & 6000 VA UPS	438 x 570 x 86 (2U)	see matrix	€2,106.00
NRT4-B100	For 8500 & 10000 VA UPS	438 x 590 x 129 (3U)	see matrix	€2,963.08



## ACCESSORIES

Item	Description	Trade Price
MBP-1U-IEC	Manual bypass Hot Swap for UPS up to 3,3 KVA. With IEC plugs PDU	€536.92
NRT4-OP-MBP1	Manual bypass for single unit for UPS 1/1 from 5 to 10 kVA . With IEC plugs PDU	€883.08
NRT4-OP-MBP3	Manual bypass for single unit for UPS 3/1 from 8,5 to 10 kVA . With IEC plugs PDU	€1,015.38
ADP-IEC-UK-10A	Adaptor 10A from IEC to UK socket for output connection	€56.92
NRT4-OP-RAIL	NeTYS RT 2 runners for rack mounting support maximum 80 kG	€127.69

## ITYS UPS With Internal Battery

Item	Description	Power (VA/W)	W x D x H	Run Time	Manual By Pass	Trade Price
ITY3-TW010B	ITyS Tower c/w Battery	1000	145 x 404 x 224	12	Option	€1,116.00
ITY3-TW020B	ITyS Tower c/w Battery	2000	192 x 428 x 322	16	Option	€2,039.54
ITY3-TW030B	ITyS Tower c/w Battery	3000	192 x 428 x 322	9	Option	€2,406.46
ITY3-TW060B	ITyS Tower c/w Battery	6000	225 x 416 x 589	11	Integrated	€5,125.85
ITY3-TW100B	ITyS Tower c/w Battery	10000	225 x 416 x 589	7	Integrated	€7,057.38
ITY3-TW108B	3P In/ SP Out Version	8500	225 x 416 x 589	9	Integrated	€6,345.69
ITY3-TW110B	3P In/ SP Out Version	10000	225 x 416 x 589	7	Integrated	€8,086.15

## ITYS UPS For use use with external Battery Cabinet

Item	Description	Power (VA/W)	W x D x H	Run Time	Manual By Pass	Trade Price
ITY3-TW010LB	ITyS Without Battery	1000	145 x 404 x 224	see matrix	Option	€1,088.31
ITY3-TW020LB	ITyS Without Battery	2000	192 x 428 x 322	see matrix	Option	€1,993.85
ITY3-TW030LB	ITyS Without Battery	3000	192 x 428 x 322	see matrix	Option	€2,389.85
ITY3-TW060LB	ITyS Without Battery	6000	225 x 416 x 354	see matrix	Integrated	€4,774.15
ITY3-TW100LB	ITyS Without Battery	10000	225 x 416 x 354	see matrix	Integrated	€6,876.00

## ITYS UPS For use use with external Battery Cabinet

Item	Description	Power (VA/W)	W x D x H	Run Time	Manual By Pass	Trade Price
ITY3-EM020LB-K	ITyS EM+	1000	192 x 428 x 322	see matrix	Option	€3,748.15
ITY3-EM060LB-K	ITyS EM+	6000	225 x 416 x 354	see matrix	Integrated	€5,265.69



## ITyS BATTERY EXTENSION CABINET

Item	Description	W x D x H	Trade Price
ITY3-EX010HB	For 1000 VA UPS. 7,2Ah Battery Extension Cabinet,1 string. With DC cables	145 x 404 x 224	€628.62
ITY3-EX010B	For 1000VA UPS. 14,4Ah Battery Extension Cabinet, 2 strings. With DC cables	145 x 404 x 224	€888.92
ITY3-EX030HB	For 2000 - 3000 VA UPS. 9Ah Battery Extension Cabinet,1 string. With DC cables	192 x 428 x 322	€1,140.92
ITY3-EX030B	For 2000 - 3000 VA UPS. 18Ah Battery Extension Cabinet, 2 strings. With DC cables	192 x 428 x 322	€1,622.77
ITY3-EX100HB	For 6000 - 10000 VA UPS. 9Ah Battery Extension Cabinet, 1 string. With DC cables	225 x 416 x 589	€3,259.38
ITY3-EX100B	For 6000 - 10000 VA UPS. 18Ah Battery Extension Cabinet, 2 strings. With DC cables	225 x 416 x 589	€4,743.69

## ACCESSORIES

Item	Description	Trade Price
MBP-1U-IEC	Manual Bypass Hot Swap 1u With IEC Plugs For Ups Up To 3.3kva (No For Itys 3kva Lb)	€538.46
NRT-OP-IEC16A	Netys Rt Plug 16a IEC320 For Output Connection For Ups 1.7 2.2 And 3.3kva	€56.92
ITY3-OP-TEU1	Itys Terminal Enclosure Kit For 6 And 10 Kva Ups 1/1	€121.54
ITY3-OP-TEU3	Itys Terminal Enclosure Kit For 8,5 And 10 Kva Ups X/1	€121.54
ITY-OP-ADC	Advanced Communication Board 1 Input - 5 O/P (Only For Itys And Netys Pr 1u)	€243.08
NET-VISION8BOX1	Net Vision Web/Snmp Interface Ipv4/Ipv6 Box Specific Version For Itys_3	€1,123.08
NET-VISION8CARD	Ethernet Card NETVISION V8 for secure management using a web browser or NMS app via SNMP	€798.46
NET-VISION8-EMD	Environment temperature and humidity sensor and 2 input for NET VISION Card	€256.92



BATTERY MATRIX

Stay powered longer and keep your business running without interruptions by extending your UPS battery life. Downtime can drain your productivity, Socomec UPS are designed to allow you to effortlessly increase capacity and ensure power interruptions never catch you off guard.

NETyS RT 1-3kVA Battery Extension Calculation (Lead Acid Versions)		INTERNAL	NRT4B015	2 x NRT4B015	NRT4B030	2 x NRT4B030
KVA	NRT4 UPS (Lead Acid)	Total Run Time Minutes (75% Load)				
1000	NRT4-U010B	7	28	53		
1500	NRT4-U015B	4	16	31		
2000	NRT4-U020B	7			21	54
3000	NRT4-U030B	4			17	33

NETyS RT 1-3kVA Battery Extension Calculation (Lithium-Ion Versions)		INTERNAL	NRT4-LI-B010	2 x NRT4-LI-B010	3 x NRT4-LI-B010	4 x NRT4-LI-B010	NRT4-LI-B030	2 x NRT4-LI-B030	3 x NRT4-LI-B030	4 x NRT4-LI-B030
KVA	NRT4 UPS (Lithium Ion)	Total Run Time Minutes (75% Load)								
1000	NRT4-LI-U010B	18	43	68	92	117				
2000	NRT4-LI-U020B	15					35	55	75	94

NETyS RT 5-10kVA Battery Extension Calculation (External Battery Versions)		NRT4B060	2 x NRT4B060	3 x NRT4B060	4 x NRT4B060	5 x NRT4B060	6 x NRT4B060	NRT4B100	2 x NRT4B100	3 x NRT4B100	4 x NRT4B100	5 x NRT4B100	6 x NRT4B100
KVA	NETyS RT UPS	Total Run Time Minutes (75% Load)											
5000	NRT4-U050	6	14	23	34	44	56						
6000	NRT4-U060	4	11	18	27	35	44						
8500	NRT4-U080 & NRT4-U108							5	13	23	33	43	53
10000	NRT4-U100 & NRT4-U110							4	11	18	26	35	44



ITyS 1-10kVA Battery Extension Calculation (Internal Battery Versions)		INTERNAL	1 x ITY3-EX010HB	1 x ITY3-EX010B	1 x ITY3-EX030HB	1 x ITY3-EX030B	1 x ITY3-EX100HB	1 x ITY3-EX100B	1 x ITY3-EX100HB + 1 x ITY3-EX100B	2 x ITY3-EX100B	1 x ITY3-EX100HB + 2 x ITY3-EX100B	3 x ITY3-EX100B	1 x ITY3-EX100HB + 3 x ITY3-EX100B	4 x ITY3-EX100B
KVA	UPS	Total Run Time Minutes (75% Load)												
1,000	ITY3-TW010B	5	13	22										
2,000	ITY3-TW020B	7			17	29								
3,000	ITY3-TW030B	3			10	17								
6,000	ITY3-TW060B	4					15	25	36	49	62	75	89	102
8,500	ITY3-TW108B	4					10	17	24	32	40	49	58	68
10,000	ITY3-TW100B & ITY3-TW110B	2					8	14	19	25	33	40	47	54

ITyS1 - 10kVA Battery Extension Calculation (External Battery Versions)		2 x ITY3-EX010B	1 x ITY3-EX010HB + 2 x ITY3-EX010B	3 x ITY3-EX010B	1 x ITY3-EX010HB + 3 x ITY3-EX010B	4 x ITY3-EX010B	2 x ITY3-EX030B	1 x ITY3-EX030HB + 2 x ITY3-EX030B	3 x ITY3-EX030B	1 x ITY3-EX030HB + 3 x ITY3-EX030B	4 x ITY3-EX030B	1 x ITY3-EX030HB + 4 x ITY3-EX030B	5 x ITY3-EX030B	1 x ITY3-EX030HB + 5 x ITY3-EX030B	5 x ITY3-EX100B	1 x ITY3-EX0100HB + 5 x ITY3-EX100B	6 x ITY3-EX100B	1 x ITY3-EX0100HB + 6 x ITY3-EX100B	7 x ITY3-EX100B	1 x ITY3-EX0100HB + 7 x ITY3-EX100B	8 x ITY3-EX100B
KVA	UPS	Total Run Time Minutes (75% Load)																			
1,000	ITY3-TW010LB	32	43	53	66	77															
2,000	ITY3-TW020LB						42	55	70	85	100	115	132	147							
3,000	ITY3-TW030LB						25	33	42	51	60	70	79	90							
6,000	ITY3-TW060LB														116	132	145	161	176	191	205
10,000	ITY3-TW100LB														61	69	76	85	93	101	108

## 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

(a) 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.

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

(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.

## 8.1 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.ie 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.

## 8.2 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.

## 8.3 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.

## 8.4 WEE

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

## 9. ORDER CANCELLATION

Order Cancellation Bespoke Products and Custom-Made Products. These goods are custom made 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 types 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.

## 10. 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.

## 11. 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 pre-scribed 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).

## 12. 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.

## 13. WAIVER

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

## 14. 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.

## 15. CHOICE OF LAW

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



[www.garo.ie](http://www.garo.ie)

GARO Electric Ltd  
Unit 18-19/307  
Northwest Business Park  
Ballycoolin  
Dublin 15  
D15AV81

TEL: 01 8665360  
[sales@garo.ie](mailto:sales@garo.ie)  
[www.garo.ie](http://www.garo.ie)  
[www.garoelectric.com](http://www.garoelectric.com)

