



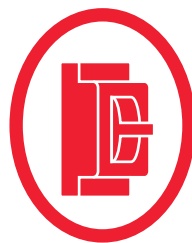
**CEE PLUGS  
& SOCKETS**



**EV CHARGING**



**CONSUMER  
UNITS**



**COMPONENTS**



**ENCLOSURES**



**ENCLOSED  
SWITCHGEAR**

# TERMS & CONDITIONS OF SALE

## 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.

## 8.(i) CLAIMS

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

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

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

## 9. PACKING AND TRANSIT

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

## 10. ORDERS

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

## 11. WAIVER

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

## 12. OWNERSHIP

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

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

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

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

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

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

## 13. CHOICE OF LAW

These conditions and the contract shall be subject to and construed in accordance with the laws of England and Wales. The Customer submits to the jurisdiction of the Courts of England and Wales.

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# METAL CONSUMER UNITS



18TH EDITION  
COMPLIANT



CE CERTIFIED



ENHANCED  
PROTECTION



COMPREHENSIVE  
WARRANTIES

**CONSUMER UNITS - Surface Metal IP41 BS EN60439-3**

Exclusive design for surface mounting. The housing is manufactured in metal and is also fitted with a door. Each unit is supplied with earth and neutral blocks, additional blocks can be fitted on request. The enclosures are manufactured from steel. Applicable standard is EN61439-3 for a rated current of 100A at 230Volts. All GARO consumer units are assembled in our manufacturing facility specialising in quick turnaround on bespoke orders. Amendment 3 compliant  
Full CAD design service available.

For Mcb's see pages 7 - 11, RCBO's pages 14 - 16

**METAL CONSUMER UNITS IP41 WITH ISOLATOR**

**Incomer 100A DP Switch Incomer**

Item	Incoming		Ways Free	Trade Price
G4S2C	100A	DP Switch	2	48.52
G6S4C	100A	DP Switch	4	54.14
G8S6C	100A	DP Switch	6	58.28
G10S8C	100A	DP Switch	8	62.29
G12S10C	100A	DP Switch	10	65.87
G14S12C	100A	DP Switch	12	68.71
G16S14C	100A	DP Switch	14	72.99
G18S16C	100A	DP Switch	16	76.07
G21S19C	100A	DP Switch	19	90.04



G12S10C

**METAL CONSUMER UNITS IP41 WITH RCCB TYPE A**

**Incomer 63A DP RCCB**

Item	Incoming		Ways Free	Trade Price
G4R2C	63A	DP RCCB	2	67.56
G6R4C	63A	DP RCCB	4	73.04
G8R6C	63A	DP RCCB	6	77.06
G10R8C	63A	DP RCCB	8	79.61
G12R10C	63A	DP RCCB	10	84.85
G14R12C	63A	DP RCCB	12	87.67
G16R14C	63A	DP RCCB	14	91.99
G18R16C	63A	DP RCCB	16	93.84
G21R19C	63A	DP RCCB	19	109.04



G4R2C

**Incomer 80A DP RCCB**

Item	Incoming		Ways Free	Trade Price
G4R2-80C	80A	DP RCCB	2	88.87
G6R4-80C	80A	DP RCCB	4	95.97
G8R6-80C	80A	DP RCCB	6	99.52
G10R8-80C	80A	DP RCCB	8	103.08
G12R10-80C	80A	DP RCCB	10	106.63
G14R12-80C	80A	DP RCCB	12	110.20
G16R14-80C	80A	DP RCCB	14	117.20
G18R16-80C	80A	DP RCCB	16	120.85
G21R19-80C	80A	DP RCCB	19	135.05



G18R16-80C

For Mcb's see pages 7 - 11, RCBO's pages 14 - 16

**Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years**

## METAL CONSUMER UNITS IP41 WITH ISOLATOR & RCCB'S TYPE A

### 100A DP Switch Incomer & 63A RCCB'S

Item	Incoming		Ways Free	RCCB	Trade Price
G14SRR4-4C	100A	DP Switch	4-4	2 x 63A	153.07
G16SRR5-5C	100A	DP Switch	5-5	2 x 63A	158.34
G18SRR6-6C	100A	DP Switch	6-6	2 x 63A	159.94
G21SRR7-8C	100A	DP Switch	7-8	2 x 63A	170.80



G16SRR5-5C

### 100A DP Switch Incomer & 80A RCCB'S

Item	Incoming		Ways Free	RCCB	Trade Price
G14SRR4-4-80C	100A	DP Switch	4-4	2 x 80A	195.48
G16SRR5-5-80C	100A	DP Switch	5-5	2 x 80A	206.15
G18SRR6-6-80C	100A	DP Switch	6-6	2 x 80A	213.26
G21SRR7-8-80C	100A	DP Switch	7-8	2 x 80A	223.93



G16SRR5-5-80C

For MCB's see pages 7 - 11, RCBO's pages 14 - 16

## GARAGE BOARDS TYPE A

Item	RCCB	MCB's	Trade Price
G3R1C	40	40	67.67
G3R1			22.01
G4R2CG	40	6, 16	69.81



G4R2CG

## Distribution Boards with Surge Protection c/w 100A DP Switch Incomer

### 100A Isolator

Item	Incoming		Ways Free	Surge	Trade Price
GS4S	100A	DP Switch	0	Y	113.23
GS6S2C	100A	DP Switch	2	Y	119.03
GS8S4C	100A	DP Switch	4	Y	122.91
GS10S6C	100A	DP Switch	6	Y	125.56
GS12S8C	100A	DP Switch	8	Y	129.11
GS14S10C	100A	DP Switch	10	Y	131.92
GS16S12C	100A	DP Switch	12	Y	136.24
GS18S16C	100A	DP Switch	14	Y	139.33
GS21S17C	100A	DP Switch	17	Y	153.31
GS28S24C	100A	DP Switch	24	Y	174.35
GS32S28C	100A	DP Switch	28	Y	195.83



GS21S17C

### 100A Isolator & 2 x 80A RCCB'S

Item	Incoming		Ways Free	Surge	RCCB	Trade Price
GS14SRR3-3-80C	100A	DP Switch	6	Y	2 X 80A	235.79
GS16SRR4-4-80C	100A	DP Switch	8	Y	2 X 80A	240.11
GS18SRR5-5-80C	100A	DP Switch	10	Y	2 X 80A	243.19
GS21SRR6-7-80C	100A	DP Switch	13	Y	2 X 80A	257.16
GS28SRR8-12-80C	100A	DP Switch	20	Y	2 X 80A	268.80
GS32SRR10-14-80C	100A	DP Switch	24	Y	2 X 80A	279.59



GS21SRR6-7-80C

Item	Incoming		Dimensions W x H x D	Trade Price
G4SF100-80-63	100A	DP SwitchFuse (Standard)	116 x 225 x 62	67.69
G4SF100-80-63XL	100A	DP SwitchFuse (Large)	125 x 235 x 90	73.34



G4SF100-80-63

**PRIORITY AND NON PRIORITY SHOWER BOARDS**

Item	Enclosure	Incoming	Description	No. of Showers	Relays	Trade Price
GM6-PS	G6S4	40A RCBO	PRIORITY / EV	2	1	147.79
GM10-PS63	G10S8	63A RCCB	PRIORITY	2	1	239.29
GM8-NPS	G8S6	40A RCBO	NON PRIORITY	2	2	219.73
GM14-3NPS	G12S10	40A RCBO	NON PRIORITY	3	3	433.48



**ELECTRICAL VEHICLE DISTRIBUTION BOARDS**

Item	Enclosure	Total Modules	IP Rating	Incoming	PEN Fault Detection	Load Management	Trade Price
G2EV40	G2-2	2	41	RCBO A	-	-	64.20
G4EV40	G4-4	4	41	RCBO A	-	-	64.20
G6EV40PME	G6-6	6	41	RCBO A	Yes	-	244.48
G6EVPME	G6-6	6	41	Terminals	Yes	-	226.72
G6EVPME132	G6-6	6	41	MCB	Yes	-	227.85
GC6EV40PME	GCUT6	6	65	RCBO A	Yes	-	267.30
G8EV40PMEB	G8S6	8	41	RCBO B	Yes	-	575.56
GC8EV40PMEB	GCUT8	8	65	RCBO B	Yes	-	599.76
G12EV40PMEDLMB	G12S10	12	41	RCBO B	Yes	Yes	1,020.24
GC12EV40PMEDLMB	GCUT12	12	65	RCBO B	Yes	Yes	1,020.24



G8EV40PMEB

**CONSUMER UNIT ACCESSORIES**

**Minature Circuit Breakers Pole 6kA Curve - B**

Item	Rated (A)	Packing Units	Trade Price
MCB GRB106	6	12	5.08
MCB GRB110	10	12	5.08
MCB GRB116	16	12	5.08
MCB GRB120	20	12	5.08
MCB GRB125	25	12	5.08
MCB GRB132	32	12	5.08
MCB GRB140	40	12	8.52



**Residual Current Breaker with Overcurrent (RCBO) 2 Pole 6kA Curve B Type A**

Item	Rated (A)	Modules	Curve	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO LIB06R	6	1	B	30	1-6	38.07
RCBO LIB10R	10	1	B	30	1-6	38.07
RCBO LIB16R	16	1	B	30	1-6	38.07
RCBO LIB20R	20	1	B	30	1-6	38.07
RCBO LIB25R	25	1	B	30	1-6	38.07
RCBO LIB32R	32	1	B	30	1-6	38.07
RCBO LIB40R	40	1	B	30	1-6	39.49
RCBO LIB45R	45	1	B	30	1-6	39.49



**Residual Current Breaker with Overcurrent (RCBO) 2 Pole 6kA Curve C Type A**

Item	Rated (A)	Modules	Curve	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIC06R	6	1	C	30	1-6	38.07
RCBOLIC10R	10	1	C	30	1-6	38.07
RCBOLIC16R	16	1	C	30	1-6	38.07
RCBOLIC20R	20	1	C	30	1-6	38.07
RCBOLIC25R	25	1	C	30	1-6	38.07
RCBOLIC32R	32	1	C	30	1-6	38.07
RCBOLIC40R	40	1	C	30	1-6	39.49
RCBOLIC45R	45	1	C	30	1-6	39.49

## TPN - Surface Metal IP41

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

### Metal TPN Boards 125A

Item	Ways Single Pole	Rating (A)	Width mm	Height mm	Depth mm	Trade Price
GTPN12	12	125	465	506	105	134.75
GTPN18	18	125	465	560	105	154.00
GTPN24	24	125	465	614	105	162.58
GTPN30	30	125	465	668	105	189.86
GTPN36	36	125	465	722	105	218.34
GTPN42	42	125	465	777	105	252.42
GTPN48	48	125	465	830	105	284.93
GTPN54	54	125	465	884	105	334.48
GTPN72	72	125	465	1,046	105	418.09



### Metal TPN Boards 125A Accessories

Item	Description	Width mm	Height mm	Depth mm	Trade Price
GTPNH1	TPN header box 16 module	465	266	105	42.99
GTPNH2	Cable entry spreader box	465	206	105	28.15
GTPNH3	Cable entry meter box	465	206	105	28.15
GTPN-ADAPTOR	Adaptor TPN to S Phase				6.69
METAL BLANK	1 Mod Metal Blank				4.04
GCD100-4-03	4Pole 100A 30mA RCCB				229.59
GSV4125	4Pole 125A Isolator				44.66
GNM3TD-CT160	Multi function meter c/w 160CT (GNT160)				364.37

MCB's & RCD's pages 7-11

## RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 10kA

**Type A, 1P + N RCBO.** Certified to IEC 61009-1

### 2 Pole 10kA Curve - B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIB06A	6	1	2	30	1-6	41.89
RCBOLIB10A	10	1	2	30	1-6	41.89
RCBOLIB16A	16	1	2	30	1-6	41.89
RCBOLIB20A	20	1	2	30	1-6	41.89
RCBOLIB25A	25	1	2	30	1-6	41.89
RCBOLIB32A	32	1	2	30	1-6	41.89
RCBOLIB40A	40	1	2	30	1-6	43.44
RCBOLIB45A	45	1	2	30	1-6	43.44

### 2 Pole 10kA Curve - C

RCBOLIC06A	6	1	2	30	1-6	41.89
RCBOLIC10A	10	1	2	30	1-6	41.89
RCBOLIC16A	16	1	2	30	1-6	41.89
RCBOLIC20A	20	1	2	30	1-6	41.89
RCBOLIC25A	25	1	2	30	1-6	41.89
RCBOLIC32A	32	1	2	30	1-6	41.89
RCBOLIC40A	40	1	2	30	1-6	43.44
RCBOLIC45A	45	1	2	30	1-6	43.44







# COMPONENTS



18TH EDITION  
COMPLIANT



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PROTECTION



COMPREHENSIVE  
WARRANTIES

## MINIATURE CIRCUIT BREAKER 6kA CURVE B

### 1 Pole 6kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRB106	6	12	5.08
MCB GRB110	10	12	5.08
MCB GRB116	16	12	5.08
MCB GRB120	20	12	5.08
MCB GRB125	25	12	5.08
MCB GRB132	32	12	5.08
MCB GRB140	40	12	8.52
MCB GRB150	50	12	15.47
MCB GRB163	63	12	18.09



1-Pole MCB 6kA

### 2 Pole 6kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRB206	6	6	15.74
MCB GRB210	10	6	15.74
MCB GRB216	16	6	15.74
MCB GRB220	20	6	15.74
MCB GRB225	25	6	15.74
MCB GRB232	32	6	15.74
MCB GRB240	40	6	19.65
MCB GRB250	50	6	28.45
MCB GRB263	63	6	32.44



2-Pole MCB 6kA

### 3 Pole 6kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRB306	6	4	27.53
MCB GRB310	10	4	27.53
MCB GRB316	16	4	27.53
MCB GRB320	20	4	27.53
MCB GRB325	25	4	27.53
MCB GRB332	32	4	27.53
MCB GRB340	40	4	32.05
MCB GRB350	50	4	45.98
MCB GRB363	63	4	48.95



3-Pole MCB 6kA

Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## MINIATURE CIRCUIT BREAKER 6kA CURVE C

### 1 Pole 6kA Curve - C

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRC101	1	12	9.97
MCB GRC102	2	12	9.97
MCB GRC104	4	12	9.97
MCB GRC106	6	12	6.54
MCB GRC110	10	12	6.54
MCB GRC116	16	12	6.54
MCB GRC120	20	12	6.54
MCB GRC125	25	12	6.54
MCB GRC132	32	12	6.54
MCB GRC140	40	12	8.52
MCB GRC150	50	12	15.62
MCB GRC163	63	12	18.24



1-Pole MCB 6kA

### 2 Pole 6kA Curve - C

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRC206	6	6	17.05
MCB GRC210	10	6	17.05
MCB GRC216	16	6	17.05
MCB GRC220	20	6	17.05
MCB GRC225	25	6	17.05
MCB GRC232	32	6	17.05
MCB GRC240	40	6	21.30
MCB GRC250	50	6	24.82
MCB GRC263	63	6	32.14



2-Pole MCB 6kA

### 3 Pole 6kA Curve - C

£

Item	Rated (A)	Packing Units	Trade Price
MCB GRC306	6	4	27.53
MCB GRC310	10	4	27.53
MCB GRC316	16	4	27.53
MCB GRC320	20	4	27.53
MCB GRC325	25	4	27.53
MCB GRC332	32	4	27.53
MCB GRC340	40	4	34.06
MCB GRC350	50	4	47.14
MCB GRC363	63	4	49.28



3-Pole MCB 6kA

## MINIATURE CIRCUIT BREAKER 10kA CURVE B

### 1 Pole 10kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSB 106	6	12	7.80
MCB GSB 110	10	12	7.80
MCB GSB 116	16	12	7.80
MCB GSB 120	20	12	7.80
MCB GSB 125	25	12	7.80
MCB GSB 132	32	12	7.80
MCB GSB 140	40	12	9.68
MCB GSB 150	50	12	19.38
MCB GSB 163	63	12	23.18



1-Pole MCB 10kA

### 2 Pole 10kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSB 206	6	6	18.76
MCB GSB 210	10	6	18.76
MCB GSB 213	13	6	18.76
MCB GSB 216	16	6	18.76
MCB GSB 220	20	6	18.76
MCB GSB 225	25	6	18.76
MCB GSB 232	32	6	18.76
MCB GSB 240	40	6	28.66
MCB GSB 250	50	6	40.25
MCB GSB 263	63	6	49.89



2-Pole MCB 10kA

### 3 Pole 10kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSB 306	6	4	38.42
MCB GSB 310	10	4	38.42
MCB GSB 316	16	4	38.42
MCB GSB 320	20	4	38.42
MCB GSB 325	25	4	38.42
MCB GSB 332	32	4	38.42
MCB GSB 340	40	4	54.67
MCB GSB 350	50	4	67.81
MCB GSB 363	63	4	81.87



3-Pole MCB 10kA

### 4 Pole 10kA Curve - B

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSB 406	6	3	50.24
MCB GSB 410	10	3	50.24
MCB GSB 413	13	3	50.24
MCB GSB 416	16	3	50.24
MCB GSB 420	20	3	50.24
MCB GSB 425	25	3	50.24
MCB GSB 432	32	3	50.24
MCB GSB 440	40	3	79.95
MCB GSB 450	50	3	89.82
MCB GSB 463	63	3	111.50



4-Pole MCB 10kA

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

**MINIATURE CIRCUIT BREAKER 10kA CURVE C**

**1 Pole 10kA Curve - C** £

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 101	1	12	10.10
MCB GSC 102	2	12	10.10
MCB GSC 104	4	12	10.10
MCB GSC 106	6	12	7.80
MCB GSC 110	10	12	7.80
MCB GSC 116	16	12	7.80
MCB GSC 120	20	12	7.80
MCB GSC 125	25	12	7.80
MCB GSC 132	32	12	7.80
MCB GSC 140	40	12	9.68
MCB GSC 150	50	12	19.38
MCB GSC 163	63	12	23.18



1-Pole MCB 10kA

**2 Pole 10kA Curve - C** £

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 206	6	6	18.76
MCB GSC 210	10	6	18.76
MCB GSC 216	16	6	18.76
MCB GSC 220	20	6	18.76
MCB GSC 225	25	6	18.76
MCB GSC 232	32	6	18.76
MCB GSC 240	40	6	21.69
MCB GSC 250	50	6	40.25
MCB GSC 263	63	6	49.89



2-Pole MCB 10kA

**3 Pole 10kA Curve - C** £

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 301	1	4	48.08
MCB GSC 302	2	4	48.08
MCB GSC 304	4	4	48.08
MCB GSC 306	6	4	38.42
MCB GSC 310	10	4	38.42
MCB GSC 316	16	4	38.42
MCB GSC 320	20	4	38.42
MCB GSC 325	25	4	38.42
MCB GSC 332	32	4	38.42
MCB GSC 340	40	4	54.67
MCB GSC 350	50	4	67.81
MCB GSC 363	63	4	81.87



3-Pole MCB 10kA

**4 Pole 10kA Curve - C** £

Item	Rated (A)	Packing Units	Trade Price
MCB GSC 406	6	3	54.76
MCB GSC 410	10	3	54.76
MCB GSC 416	16	3	54.76
MCB GSC 420	20	3	54.76
MCB GSC 425	25	3	54.76
MCB GSC 432	32	3	54.76
MCB GSC 440	40	3	79.95
MCB GSC 450	50	3	89.82
MCB GSC 463	63	3	111.50



4-Pole MCB 10kA

## MINIATURE CIRCUIT BREAKER 10kA CURVE D

### 1 Pole 10kA Curve - D

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSD 106	6	12	7.80
MCB GSD 110	10	12	7.80
MCB GSD 116	16	12	7.80
MCB GSD 120	20	12	7.80
MCB GSD 125	25	12	7.80
MCB GSD 132	32	12	7.80



1-Pole MCB 10kA

### 2 Pole 10kA Curve - D

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSD 206	6	6	18.76
MCB GSD 210	10	6	18.76
MCB GSD 216	16	6	18.76
MCB GSD 220	20	6	18.76
MCB GSD 225	25	6	18.76
MCB GSD 232	32	6	18.76



2-Pole MCB 10kA

### 3 Pole 10kA Curve - D

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSD 306	6	4	38.42
MCB GSD 310	10	4	38.42
MCB GSD 316	16	4	38.42
MCB GSD 320	20	4	38.42
MCB GSD 325	25	4	38.42
MCB GSD 332	32	4	38.42



3-Pole MCB 10kA

### 4 Pole 10kA Curve - D

£

Item	Rated (A)	Packing Units	Trade Price
MCB GSD 406	6	3	54.72
MCB GSD 410	10	3	54.72
MCB GSD 416	16	3	54.72
MCB GSD 420	20	3	54.72
MCB GSD 425	25	3	54.72
MCB GSD 432	32	3	54.72



4-Pole MCB 10kA

Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## LOCKING DEVICE

£

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

Item	Description	Trade Price
MCB LOCK	Locking device suitable for Minature Circuit Breakers in the 6kA & 10kA ranges.	10.93



MCB LOCK

## AUXILIARY CONTACTS

For remote indication of the status of Minature Circuit Breakers.

£

Item	Description	Modules	AC12	DC12	Trade Price
MCB GR AUX	Auxiliary Contact for 6kA & 10KA breakers 1no + 1nc	0,5	230V-6A	110V-1A	8.52



MCB GR AUX

## RESIDUAL CURRENT CIRCUIT BREAKERS

GARO's range of RCCBs are **10kA, Type A or Type B** and are tested and certified to standard EN 61008. The range can be fed from the TOP or BOTTOM. On each 2-Pole 10kA device it is possible to connect the neutral conductor on the right or left side. Protection to IP20. Auxiliary Contact see previous page.

**GARO RCCB**    Type A & B    Rated Voltage 200-415V AC    Max Torque 3 Nm    Protection Class IP20

### 10kA TYPE A

#### 2 Pole

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
GCD 25-2-03	25	2	2	30	25	35.52
GCD 40-2-03	40	2	2	30	25	32.14
GCD 63-2-03	63	2	2	30	25	34.48
GCD 63-2-1	63	2	2	100	25	64.70
GCD 63-2-3	63	2	2	300	25	64.70
GCD 80-2-03	80	2	2	30	25	70.46
GCD 100-2-1	100	2	2	100	25	186.80
GCD 100-2-3	100	2	2	300	25	186.80



GCD 25-2-03

#### 4 Pole

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
GCD 25-4-03	25	4	4	30	25	57.43
GCD 40-4-03	40	4	4	30	25	52.47
GCD 63-4-03	63	4	4	30	25	70.09
GCD 80-4-03	80	4	4	30	25	92.38
GCD 100-4-03	100	4	4	30	25	229.59
GCD 40-4-3	40	4	4	300	25	58.38
GCD 63-4-3	63	4	4	300	25	79.47
GCD 63-4-5	63	4	4	500	25	79.47
GCD 80-4-3	80	4	4	300	25	105.28
GCD 100-4-1	100	4	4	100	25	199.76
GCD 100-4-3	100	4	4	300	25	186.80



GCD 63-4-5

### 10kA TYPE B

GCD63-4-03B	63A	4	4	30	25	427.03
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### S TYPE 10kA TYPE A RCCB

Selective - minimum time delay 40ms.

#### 2 Pole

Item	Rated (A)	Modules	Poles	mA	Max cable size mm <sup>2</sup>	Trade Price
GCD 63-2-1S	63	2	2	100	25	93.17
GCD 63-2-3S	63	2	2	300	25	101.96



GCD 63-2-1S

#### 4 Pole

GCD 63-4-1S	63	4	4	100	25	133.86
GCD 63-4-3S	63	4	4	300	25	133.86

## AUXILIARY CONTACTS

Item	Description	Trade Price
HLPKD	Aux for RCCB (2 Pole + 4 Pole Suitable for GCD 25, 40, 63, 80 only)	14.19

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years



## RESIDUAL CURRENT CIRCUIT BREAKER with Overcurrent Protection (RCBO) 6kA

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.

**GARO RCBO 6kA** Type A

Rated Voltage 200-415V AC

Max Torque 3 Nm

Protection Class IP20

### 6kA TYPE A

#### 2 Pole 6kA Curve - B

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GRB06	6	2	2	30	1-25	36.00
RCBO GRB10	10	2	2	30	1-25	36.00
RCBO GRB16	16	2	2	30	1-25	36.00
RCBO GRB20	20	2	2	30	1-25	36.00
RCBO GRB25	25	2	2	30	1-25	36.00
RCBO GRB32	32	2	2	30	1-25	36.00
RCBO GRB40S	40	2	2	30	1-25	36.00



2 Pole RCBO 6kA

#### 4 Pole 6kA Curve - B

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GSB06	6	4	3P+N	30	1-25	121.73
RCBO GSB10	10	4	3P+N	30	1-25	121.73
RCBO GSB16	16	4	3P+N	30	1-25	121.73
RCBO GSB20	20	4	3P+N	30	1-25	121.73
RCBO GSB25	25	4	3P+N	30	1-25	121.73
RCBO GSB32	32	4	3P+N	30	1-25	121.73

#### 2 Pole 6kA Curve - C

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GRC06	6	2	2	30	1-25	36.00
RCBO GRC10	10	2	2	30	1-25	36.00
RCBO GRC16	16	2	2	30	1-25	36.00
RCBO GRC20	20	2	2	30	1-25	36.00
RCBO GRC25	25	2	2	30	1-25	36.00
RCBO GRC32	32	2	2	30	1-25	36.00
RCBO GRC40	40	2	2	30	1-25	36.00

#### 4 Pole 6kA Curve - C

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GSC06	6	4	3P+N	30	1-25	121.73
RCBO GSC10	10	4	3P+N	30	1-25	121.73
RCBO GSC16	16	4	3P+N	30	1-25	121.73
RCBO GSC20	20	4	3P+N	30	1-25	121.73
RCBO GSC25	25	4	3P+N	30	1-25	121.73
RCBO GSC32	32	4	3P+N	30	1-25	121.73



4 Pole RCBO 6kA

## LOCKING DEVICE + RCBO AUXILIARY

Item	Description	Trade Price
LB2	Locking mechanism for RCBO & RCCB	6.39
HLPKO	Aux for RCBO 2 Pole + 4 Pole	17.46



## 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.

**GARO RCBO 10kA** Type A Rated Voltage 200-415V AC Max Torque 3 Nm Protection Class IP20

### 2 Pole 10kA Curve - B

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GS B06A2P	6	2	2	30	1-25	46.64
RCBO GS B10A2P	10	2	2	30	1-25	46.64
RCBO GS B16A2P	16	2	2	30	1-25	46.64
RCBO GS B20A2P	20	2	2	30	1-25	46.64
RCBO GS B25A2P	25	2	2	30	1-25	46.64
RCBO GS B32A2P	32	2	2	30	1-25	46.64
RCBO GS B40A2P	40	2	2	30	1-25	46.64



2 Pole RCBO 10kA

### 2 Pole 10kA Curve - C

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GS C06A2P	6	2	2	30	1-25	46.64
RCBO GS C10A2P	10	2	2	30	1-25	46.64
RCBO GS C16A2P	16	2	2	30	1-25	46.64
RCBO GS C20A2P	20	2	2	30	1-25	46.64
RCBO GS C25A2P	25	2	2	30	1-25	46.64
RCBO GS C32A2P	32	2	2	30	1-25	46.64
RCBO GS C40A2P	40	2	2	30	1-25	46.64

## \*\* 1 MOD RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 6kA

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

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

### 2 Pole 6kA Curve - B

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GI B06	6	1	1 + N	30	1-6	37.62
RCBO GI B10	10	1	1 + N	30	1-6	37.62
RCBO GI B16	16	1	1 + N	30	1-6	37.62
RCBO GI B20	20	1	1 + N	30	1-6	37.62
RCBO GI B25	25	1	1 + N	30	1-6	37.62



1 Mod 2 Pole RCBO

### 2 Pole 6kA Curve - C

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBO GI C06	6	1	1 + N	30	1-6	37.62
RCBO GI C10	10	1	1 + N	30	1-6	37.62
RCBO GI C16	16	1	1 + N	30	1-6	37.62
RCBO GI C20	20	1	1 + N	30	1-6	37.62
RCBO GI C25	25	1	1 + N	30	1-6	37.62

## ACCESSORIES

£

Item	Description	Modular Length	For cable size mm <sup>2</sup>	Trade Price
AS-35-SLISOSO	Terminal Connector		35	1.90
SKN0021-10	SP Busbar 10 mm <sup>2</sup> to suit 1mod RCBO	12		14.08
SKN0029-10	TP Busbar 10 mm <sup>2</sup> to suit 1mod RCBO	12		23.33

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 10kA Long

An RCBO is a combination of an RCCB and MCB. The 10kA Long range is **Type A** and is 1P + N. The products are approved and certified according to EN 61009.

**GARO RCBO 10kA Type A** Rated Voltage 200-415V AC Max Torque 3 Nm Protection Class IP20

### 2 Pole 10kA Curve - B

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIB06A	6	1	2	30	1-6	41.89
RCBOLIB10A	10	1	2	30	1-6	41.89
RCBOLIB16A	16	1	2	30	1-6	41.89
RCBOLIB20A	20	1	2	30	1-6	41.89
RCBOLIB25A	25	1	2	30	1-6	41.89
RCBOLIB32A	32	1	2	30	1-6	41.89
RCBOLIB40A	40	1	2	30	1-6	43.44
RCBOLIB45A	45	1	2	30	1-6	43.44



### 2 Pole 10kA Curve - C

£

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIC06A	6	1	2	30	1-6	41.89
RCBOLIC10A	10	1	2	30	1-6	41.89
RCBOLIC16A	16	1	2	30	1-6	41.89
RCBOLIC20A	20	1	2	30	1-6	41.89
RCBOLIC25A	25	1	2	30	1-6	41.89
RCBOLIC32A	32	1	2	30	1-6	41.89
RCBOLIC40A	40	1	2	30	1-6	43.44
RCBOLIC45A	45	1	2	30	1-6	43.44

## RESIDUAL CURRENT CIRCUIT BREAKER (RCBO) 10 kA \*\*TYPE B\*

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

**GARO RCBO 10kA Type B** 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
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### 2 Pole 10kA Curve - B - TYPE B

RCBOGRB06M4B	6	4	2	30	1-25	377.18
RCBOGRB10M4B	10	4	2	30	1-25	377.18
RCBOGRB13M4B	13	4	2	30	1-25	377.18
RCBOGRB16M4B	16	4	2	30	1-25	377.18
RCBOGRB20M4B	20	4	2	30	1-25	377.18
RCBOGRB25M4B	25	4	2	30	1-25	377.18
RCBOGRB32M4B	32	4	2	30	1-25	377.18
RCBOGRB40M4B	40	4	2	30	1-25	377.18



### 2 Pole 10kA Curve - C - TYPE B

RCBOGRC06M4B	6	4	2	30	1-25	377.18
RCBOGRC10M4B	10	4	2	30	1-25	377.18
RCBOGRC13M4B	13	4	2	30	1-25	377.18
RCBOGRC16M4B	16	4	2	30	1-25	377.18
RCBOGRC20M4B	20	4	2	30	1-25	377.18
RCBOGRC25M4B	25	4	2	30	1-25	377.18
RCBOGRC32M4B	32	4	2	30	1-25	377.18
RCBOGRC40M4B	40	4	2	30	1-25	377.18

## 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)

### ELECTRONIC TIME SWITCHES

£

Item	Modules	Channels	Relay Capacity	Trade Price
DV1KT3	2	1	250V AC - 16(10)A	79.79
DV2K	2	2	250V AC - 16(10)A	120.88
DV1K1M	1	1	250V AC - 16(10)A	132.99



DV1KT3



DV1K 1M

Item	Modules	Channels	Relay Capacity	Programmable	Trade Price
ASTRO1KT3	2	1	250V AC - 16(10)A	Dusk to Dawn	121.70
ASTRO2KT3	2	2	250V AC - 16(10)A	Dusk to Dawn	153.71



ASTRO2KT3

## MECHANICAL & ELECTROMECHANICAL TIMERS

### ELECTROMECHANICAL TIME SWITCHES

£

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	39.20
D3M MEK	3	250V AC - 16(4)A	24 hours - 48 trips x 30 mins	30 mins	+/- 7.5 mins	49.54
V3M MEK	3	250V AC - 16(4)A	168 hours - 48 trips x 3.5 hrs	3.5 hours	+/- 52.5 mins	89.87



V3M MEK

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



D1M MEK

## MULTIFUNCTION TIMER

Item	Description	Modules	Capacity	Functions	Trade Price
GCRM - 91H	Multifunction Time Relay	1	16A AC-DC 12-240V	10 x 0.15 - 10 days	43.46



## TEST RELAYS & TIME LAG SWITCHES

Item	Description	Contact	Trade Price
DCTU	Emergency Light Test Relay - Din Rail mounting	1 x c-o	51.36
GTA8	Staircase Timer, 1-7 minutes		39.35



DCTU

## KILOWATT HOUR METERS

Din rail mounted energy meters

### Din rail mounted energy meters with pulse outputs.

£

Item	Description	Measures	Modules	Rated Current (A)	Trade Price
GNM1D	Garó SP Meter 45A Pulse MID	KWH, KW, V & A	1	45	62.84
GNM1D-RS485	Garó SP Meter 45A Modbus MID	KWH, KW, V & A	1	45	71.91
GNM1D-100-RS485	Garó SP Meter 100A Bi-directional Modbus	KWH, KW, V & A	2	100	135.60
GNM3D	Garó TP 65A Meter Pulse MID	KWH, KW, V & A	4	63	143.80
GNM3D-RS485	Garó TP 65A Meter Modbus MID	KWH, KW, V & A	4	63	182.20
GNM3TD	Garó MFM Dual RJ11 Input Pulse + Modbus	KWH, KW, V & A	4	160-630	283.06
GNT160	160A TP CT RJ11 150 cm Lead		CT	160	81.30
GNT250	250A TP CT RJ11 150 cm Lead		CT	250	94.99
GNT630	630A TP CT RJ11 150 cm Lead		CT	630	110.33
GNM3T-RS485	Garó MFM 5A CT Input Pulse + Modbus	KWH, KW, V & A	4	6000	220.55
GDT36-300A	300 / 5A Split Core CT	Set of 3			456.91
GDT36-600A	600 / 5A Split Core CT	Set of 3			489.81

GNM1D



GNM3TD & GNT630

## CONTACTORS

### Modular contactors for din rail mounting

£

Item	Contacts	Poles	Modules	Rated AC-1[A]	Coil Voltage (V)	Type	Trade Price
GK20-1NO1NC	1 NO + 1 NC	2	1	20	230	AC	18.70
GK20-2NO	2 NO	2	1	20	230	AC	26.26
GK20-2NC	2 NC	2	1	20	230	AC	30.59
GK24-4NO	4 NO	4	2	25	230	AC-DC	31.51
GK24-4NC	4 NC	4	2	25	230	AC-DC	35.92
GK32-2NO	2 NO	2	1	32	230	AC-DC	36.37
GK32-4NO	4 NO	4	2	32	230	AC-DC	35.53
GK40-1NO	1 NO	1	1	40	230	AC-DC	47.35
GK40-4NO	4 NO	4	3	40	230	AC-DC	75.25
GK40-2NO2NC	2 NO + 2 NC	4	3	40	230	AC-DC	101.66
GK63-4NO	4 NO	4	3	63	230	AC-DC	99.03



GK40 - 2NO 2NC

### ACCESSORIES FOR CONTACTORS

£

Item	Description	Modules	Trade Price
GKD	Distance Piece, 12gm, temperatures < 40 ° C	0,5	3.53
GKN 11	Auxiliary Contacts		17.49



GKD

## SURGE PROTECTION DEVICES

### CLASS 1 SURGE PROTECTION DEVICES

£

Item	Poles	Class	Signal Relay	Impulse Current (10-350)uS	Max Current (8-20)uS	Back up Fuse Maximum	Trade Price
BSR 275 3pol	3	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	487.82
BSR 275 4pol	4	1, 11, 111	yes	25KA per pole	100KA per pole	250A gl	646.23
GBR 275 3pol	3	1, 11	yes	25KA per pole	100KA per pole	160A gl	305.12
GBR 275 4pol	4	1, 11	yes	25KA per pole	100KA per pole	160A gl	396.67



BSR 275 3pol

Category IEC-EN : Class 1 - Type 1  
 Location of use : Main distribution board  
 Network: TNC-S  
 In (8-20) : 25kA per pole  
 I<sub>max</sub> (8-20) : 25kA per pole  
 Standard : IEC61643-1



GBR 275 4pol

### CLASS 11 SURGE PROTECTION DEVICES

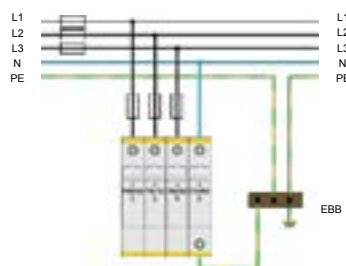
£

Item	Poles	Class	Signal Relay	Impulse Current (10-350)uS	Back up Fuse Maximum	Trade Price
GPTT2-300-1-0	1	11	no	5KA per pole	125A	31.59
GPTT2-300-1-0-R	1	11	yes	5KA per pole	125A	44.11
GPTT2-300-2-0	2	11	no	5KA per pole	125A	60.66
GPTT2-300-2-0-R	2	11	yes	5KA per pole	125A	77.67
GPTT2-300-3-0	3	11	no	5KA per pole	125A	90.93
GPTT2-300-3-0-R	3	11	yes	5KA per pole	125A	115.21
GPTT2-300-4-0	4	11	no	5KA per pole	125A	121.32
GPTT2-300-4-0-R	4	11	yes	5KA per pole	125A	149.24
GPT275plug	1	11	yes	5KA per pole	125A	35.37
LX3375	3	11	no	5KA per pole	N-A	214.14



GPT 275 4pol

Category IEC-EN : Class 11 - Type 11  
 Location of use : Main - Sub distribution board  
 Network: TNC-S  
 In (8-20) : 5kA per pole  
 I<sub>max</sub> (8-20) : 20kA per pole  
 Standard : IEC61643-1



G-GPT2

Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## SURGE PROTECTION DEVICES

### CLASS 111 SURGE PROTECTION DEVICES

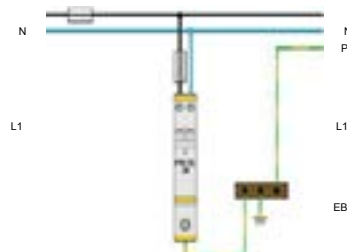
Item	Poles	Class	Signal Relay	Impulse Current (10-35)uS	Max Current (8-20)uS	Backup Fuse Maximum	Trade Price
PDM 320	1	111	no	n-a	10KA per pole	63A	81.36
PDMR 320	1	111	yes	n-a	10KA per pole	63A	95.44
PDM 320plug	1	111	yes	n-a	10KA per pole	63A	73.42
GTS 170	1	111	yes	n-a	20KA per pole	63A	104.24
GTS 170plug	1	111	yes	n-a	20KA per pole	63A	86.44

£



PDM 320

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



## MODULAR ISOLATOR & CHANGEOVER SWITCHES

Rated 10A - 100A, AC22 and certified to EN60947-3.

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	8.69
GSV 2100	Isolator	100	2	2	400	35	18.17
GSV 3100	Isolator	100	3	3	400	35	28.38
GSV 4125	Isolator	125	4	4	400	35	44.66



GSV 2100

Item	Type	AC21-AC22 (A)	Modules	Poles	Operating Voltage V	Trade Price
<b>With toggle</b>						£
Enclosure class IP20						
HOA 1	H-O-A	10	2	1	440	35.57
HOA 2	H-O-A	10	2	2	440	35.57



HOA 1

## BELL TRANSFORMER & CHIME

Item	Description	Modules	Rated Current	Trade Price
TRAN 8-12-24	Bell transformer	2	230-8V,12V,24V 1A	15.16
BIM85	Door Chime (Double Sound)			13.35



TRAN8-12-24

## ACCESSORIES

### Terminals and Connectors

Item	Description	Trade Price
AS25-SN	Cable Connector Pin to suit 25 mm <sup>2</sup> cable	1.80
AS25-GN	Cable Connector Fork to suit 25 mm <sup>2</sup> cable	1.80
AS35-S	Cable Connector Pin to suit 35 mm <sup>2</sup> cable	2.02
AS-35-SLISOSO	Cable Connector Pin to suit 35 mm <sup>2</sup> cable. 27mm PITCH	1.90
AS50-SN	Cable Connector Pin to suit 50 mm <sup>2</sup> cable. 15mm PITCH	3.19
E7	Earth Terminal Block 7 Way 16 mm <sup>2</sup> clips on to DIN rail	2.10
N7	Neutral Terminal Block 7 Way 16 mm <sup>2</sup> clips on to DIN rail	2.10
BRASS 9	9 Way Brass Terminal for Garo Consumer Units	2.01
BRASS 18	18 Way Brass Terminal for Garo Consumer Units	5.26
BRASS 3LA	18 Way Brass Terminal for LA Consumer Units	5.26
BRASSBAR	Brass Terminal 6.5 x 9 x 288mm	7.30
BRASSBAR1M	N-E Terminal Block 153 way (1 metre)	19.38
KKS1-2	Supports for N-E Terminal Block (1 metre)	1.07
NPE35	Earth - Neutral Terminal 160A to suit 35 mm <sup>2</sup> cable	11.86
NPE120	Earth - Neutral Terminal 250A to suit 120 mm <sup>2</sup> cable	38.10
TBN185	Earth - Neutral Terminal 400A to suit 185 mm <sup>2</sup> cable	53.89
DISCT6US	Disconnect Test Terminal	4.83
EPDISCT6U	End Plate for Disconnect Terminal	0.41



AS-35-SLISOSO



N7



AS25-GN



AS50-SL



AS25-SN



E7



ASF35-SN

## BUSBAR

### Pin type busbar with insulation

Item	Description	Current capacity with end input (A)	Current capacity with central input (A)	Trade Price
S-1L-1000-10I	10 mm <sup>2</sup> 1-phase, 57 mod	63	100	12.91
S-2L-1000-10	10 mm <sup>2</sup> 2-phase, 57 mod	63	100	21.03
S-3L-1000-10	10 mm <sup>2</sup> 3-phase, 57 mod	63	100	26.00
S-3L-1000-16	16 mm <sup>2</sup> 3-phase, 57 mod	80	130	39.56
S-4L-1000-16	16 mm <sup>2</sup> for 4 Pole RCCB	80	130	56.43
S-1L-2MOD-10ISO	10mm <sup>2</sup> 1-phase 2mod insulated busbar			0.57
S-1L-27-1000	16 mm <sup>2</sup> 1-phase	80	130	38.54
S-3L-27-1000	16 mm <sup>2</sup> 3-phase, for do - neoz fuse holders	80	130	48.74
S-1L-145-10-ISO	10 mm <sup>2</sup> 1-phase, 8 mod	63	100	1.60
S-1L-210-10-ISO	10 mm <sup>2</sup> 1-phase, 12 mod	63	100	2.99



### Fork type busbar with insulation

G-1L-1000-10ISO	10 mm <sup>2</sup> 1-phase, 57 mod	63	100	12.08
G-2L-1000-10M5	10 mm <sup>2</sup> 2-phase, 57 mod	63	100	22.91
G-3L-1000-10CM5	10 mm <sup>2</sup> 3-phase, 57 mod	63	100	25.50
G-L1-N-L2-N-L	16 mm <sup>2</sup> 3-phase+N, 57 mod	80	130	63.93
G-4L-1000-16				68.51



Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years



## TERMINAL BLOCKS

Item		Size	Colour	Trade Price
GKL 1x50 GRE	Terminal Block A Class	1 x 50	Grey	4.46
GKL 2x50 GRE	Terminal Block A Class	2 x 50	Grey	8.12
GKL 1x50 BLE	Terminal Block A Class	1 x 50	Blue	4.46
GKL 2x50 BLE	Terminal Block A Class	2 x 50	Blue	8.33
GKL 1x50 G-G	Terminal Block A Class	1 x 50	Green/Ylw	4.70
GKL 2x50 G-G	Terminal Block A Class	2 x 50	Green/Ylw	8.57
GKL 1x95 GRE	Terminal Block A Class	1 x 95	Grey	11.46
GKL 2x95 GRE	Terminal Block A Class	2 x 95	Grey	22.96
GKL 1x95 BLE	Terminal Block A Class	1 x 95	Blue	11.28
GKL 2x95 BLE	Terminal Block A Class	2 x 95	Blue	22.94
GKL 1x95 G-G	Terminal Block A Class	1 x 95	Green/Ylw	11.38
GKL 2x95 G-G	Terminal Block A Class	2 x 95	Green/Ylw	22.97
GKL 1x150 GRE	Terminal Block A Class	1 x 150	Grey	19.90
GKL 2x150 GRE	Terminal Block A Class	2 x 150	Grey	40.29
GKL 1x150 BLE	Terminal Block A Class	1 x 150	Blue	19.12
GKL 2x150 BLE	Terminal Block A Class	2 x 150	Blue	40.29
GKL 1x150 G-G	Terminal Block A Class	1 x 150	Green/Ylw	19.59
GKL 2x150 G-G	Terminal Block A Class	2 x 150	Green/Ylw	40.29
GKL 1x240 GRE	Terminal Block A Class	1 x 240	Grey	31.28
GKL 2x240 GRE	Terminal Block A Class	2 x 240	Grey	53.10
GKL 1x240 BLE	Terminal Block A Class	1 x 240	Blue	31.27
GKL 2x240 BLE	Terminal Block A Class	2 x 240	Blue	53.10
GKL 1x240 G-G	Terminal Block A Class	1 x 240	Green/Ylw	31.27



## GROUP LINK BOX

Item	Description	Height mm	Width mm	Depth mm	Trade Price
GKLM 2x16 NCG	16sq GRP link box	190	144	131	121.20
GKLM 2x50 NCG	50sq GRP link box	255	180	139	201.40
GKLM 2x95 NCG	95sq GRP link box	380	280	171	377.07



GKLM 2x16 NCG

## BLANKING STRIP METAL & PLASTIC

Item	Description	Trade Price
<b>Covers the empty spaces in the front cover of distribution enclosures</b>		
METAL BLANK	1 Mod Metal Blank	4.04
TC-1A	Plastic 4.5 modules - easily cut into desired size	0.97
ZA2W	57 modules (1 metre)	5.70



BLANKING STRIP

## FUSE DISCONNECTORS

Item	Rating (A)	Poles	Size	Trade Price
EFD 101P	32A	1	10 x 38	2.93
EFD 102P	32A	2	10 x 38	6.43
EFD 103P	32A	3	10 x 38	9.25
EFD 221P	100A	1	22 x 58	11.28
EFD 223P	100A	3	22 x 58	36.49



EFD 101P



EFD 103P



EFD 221P



EFD 223P



# ENCLOSURES



18TH EDITION  
COMPLIANT



CE CERTIFIED



ENHANCED  
PROTECTION



COMPREHENSIVE  
WARRANTIES

## 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
CDN4G	1 x 3 Mod Enclosure	65	84	174	111	15.41
GCUT 4	1 x 4 Modules DIN Rails	65	166	231	113	24.48
GCUT 6	1 x 6 Modules DIN Rails	65	202	231	113	25.88
GCUT 8	1 x 8 Modules DIN Rails	65	238	231	118	31.48
GCUT 112	1 x 12 Modules DIN Rails	65	310	246	148	35.77
GCUT 118	1 x 18 Modules DIN Rails	65	418	246	148	59.78
GCUT 224	2 x 12 (24) Modules DIN Rails	65	310	436	148	63.47
GCUT 236	2 x 18 (36) Modules DIN Rails	65	418	436	148	99.50
GCUT 336	3 x 12 (36) Modules DIN Rails	65	310	586	148	94.80
GCUT 354	3 X 18 (54) Modules DIN Rails	65	418	586	148	143.59
** Din rails can be mounted at two different heights						
GCUT N - E	N + E Bar for GCUT 112 - GCUT 354					18.74

£



BT2 - GO



BT 4 - GO



GCUT 4



GCUT 6



GCUT 112



GCUT 224



GCUT 336

### GCUT TECHNICAL DATA

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

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

**Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years**

## DISTRIBUTION ENCLOSURES IP 40 - IP41

### GM Metal Enclosures

£

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
GM 1-6	40	8	1	320	250	95	27.75
GM 1-14	40	14	1	335	300	111	138.31
GM 1-25	40	25	1	515	300	111	192.05
GM 2-28	40	28	2	335	425	111	181.32
GM 2-50	40	50	2	515	425	111	224.40
GM 3-42	40	42	3	335	550	111	194.26
GM 3-75	40	75	3	515	550	111	259.42



GM1-14

GM KEYLOCK	Lock and key set for GM boards (except GM 1-6)						34.15
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### MSI Metal Enclosures

£

Item	IP Rating	Modules	Rows	Width mm	Height mm	Depth mm	Trade Price
MSI 36-1C	40	36	3	315	530	145	243.32
MSI 48-1C	40	48	4	315	680	145	272.97
MSI 90-2C	40	90	3	610	530	145	335.32
MSI 120-2C	40	120	4	610	680	145	399.28
MSSKL	Lock and key set for MSI cabinets						30.56
TFSO	Flat Flange Size 11						5.48



MSI 48-1C

\*\* MSI Enclosures are supplied without Flanges - please order separately

### Distribution Enclosures

£

Item	IP Rating	Modules	Width mm	Height mm	Depth mm	Trade Price
G2-2	40	2	80	225	62	16.66
G4-4	40	4	115	225	62	19.86
G6-6	40	6	125	235	90	27.12



# ENCLOSED SWITCHGEAR



18TH EDITION  
COMPLIANT



CE CERTIFIED



ENHANCED  
PROTECTION



COMPREHENSIVE  
WARRANTIES

## SAFETY SWITCHES ENCLOSED - AC - IP65

Polycarbonate Safety Switches    Grey Body    Red Yellow Handle

### 3 Pole

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SS 320 IP65	20	3	65	100	125	72	21.32
SS 325 IP65	25	3	65	100	125	72	25.24
SS 332 IP65	32	3	65	100	125	72	26.55
SS 340 IP65	40	3	65	125	175	90	30.63
SS 363 IP65	63	3	65	125	175	90	31.59
SS 380 IP65	80	3	65	190	280	130	75.49
SS 3100 IP65	100	3	65	190	280	130	81.52
SS 3125 IP65	125	3	65	190	280	130	90.13



SS 320 IP65

### 4 Pole

SS 420 IP65	20	4	65	100	125	72	24.53
SS 425 IP65	25	4	65	100	125	72	27.03
SS 432 IP65	32	4	65	100	125	72	28.37
SS 440 IP65	40	4	65	125	175	90	32.54
SS 463 IP65	63	4	65	125	175	90	34.20
SS 480 IP65	80	4	65	190	280	130	78.97
SS 4100 IP65	100	4	65	190	280	130	87.16
SS 4125 IP65	125	4	65	190	280	130	95.49



SS 440 IP65

### AUX Modules

RAC20	20A AUX Module	2.77
RAC25	25A AUX Module	2.77
RAC32	32A AUX Module	2.77
RAC40	40A AUX Module	2.77
RAC63	63A AUX Module	2.77
RAC80	80A AUX Module	6.92



SS 4100 IP65

## SAFETY SWITCHES ENCLOSED - SOLAR DC - IP65

### SOLAR DC Isolators

£

Item	Rating (A)	Poles	IP Rating	Trade Price
SS 416 IP65 DC	16	2	65	23.17
SS 432 IP65 DC	32	4	65	36.04



SS 416 IP65 DC

## ISOLATOR SWITCHES ENCLOSED IP53 METAL 3 POLE

### 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	23.75
SW 32 IP53M	32	3	53	135	220	85	38.50
SW 40 IP53M	40	3	53	135	220	85	40.11
SW 63 IP53M	63	3	53	135	220	85	41.11
SW 80 IP53M	80	3	53	245	315	125	83.60
SW 100 IP53M	100	3	53	245	315	125	90.20
SW 125 IP53M	125	3	53	245	315	125	97.76



SW 20 IP53M

## ISOLATOR SWITCHES ENCLOSED IP55 METAL 3 POLE

### 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	300	200	150	176.85
GSW3125 IP55M	125	3	2	55	400	300	200	298.06
GSW3200 IP55M	200	3	2	55	400	300	200	382.35
GSW3250 IP55M	250	3	2	55	400	300	200	451.57
GSW3400 IP55M	400	3	3	55	600	500	250	663.72



GSW3200 IP55M

\*\*above 400A available on request \*\*

## ISOLATOR SWITCHES ENCLOSED IP55 METAL 4 POLE

### Metalclad Isolator Switches 4 Pole - IP55

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GSW463IP55M	63A	4	55	200	300	150	195.35
GSW4125IP55M	125A	4	55	300	400	200	321.53
GSW4200IP55M	200A	4	55	300	400	200	387.75
GSW4250IP55M	250A	4	55	300	400	200	479.96
GSW4400IP55M	400A	4	55	500	600	250	701.70



GSW4200 IP55M

### Metalclad Isolator - IP55 Accessories

Item	Cable Entry/ Cable Exit	For Distribution Use	Link Box
Enclosure size 1	GN302015	GN302515 + CH3025 (2 x 8 mods)	BBL160
Enclosure size 2	GN403020	GN403020 + CH4030 (3 x 11 mods)	BBL250
Enclosure size 3	GN605025	GN604020 + CH6040 (4 x 16 mods)	BBL400
Enclosure size 4	GN504025	GN504020 + CH5040 (3 x 16 mods)	BBL400

## ISOLATOR SWITCHES ENCLOSED IP65 POLYESTER 3 POLE

### Polyester Isolator Switches - IP65

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
SW 63 IP65P	63	3	65	250	300	140	319.98
SW 125 IP65P	125	3	65	300	400	200	466.17
SW 160 IP65P	160	3	65	300	400	200	529.04
SW 200 IP65P	200	3	65	400	400	200	558.35
SW 250 IP65P	250	3	65	400	400	200	589.74
SW 400 IP65P	400	3	65	400	500	200	716.44
SW 630 IP65P	630	3	65	400	600	230	1,085.47



SW160 IP65P



## FUSE SWITCHES - ENCLOSED IP55 - BS Type METAL 3 POLE

### Metalclad Fuse Switches 3 Pole - IP55

Item	Rating (A)	Poles	Fuse Size	Enclosure Size	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GFS332 IP55MBS	32	3	A1	1	55	300	200	150	214.29
GFS363 IP55MBS	63	3	A2-A3	2	55	400	300	200	335.89
GFS3100 IP55MBS	100	3	A4	3	55	400	300	200	415.93
GFS3125 IP55MBS	125	3	A3-A4	3	55	400	300	200	427.91
GFS3200 IP55MBS	200	3	B1-B2	3	55	600	500	250	788.99
GFS3400 IP55MBS	400	3	B1-B4	4	55	600	500	250	885.10



## METAL BUSBAR LINK - ENCLOSED IP55

### Metalclad Busbar Link Box - IP55

£

Item	Description	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
BBL160	Enclosed Metal Busbar Link	160	3P & N	55	300	400	200	267.85
BBL250	Enclosed Metal Busbar Chamber	250	3P & N	55	600	400	200	470.73
BBL400	Enclosed Metal Busbar Chamber	400	3P & N	55	600	400	250	757.89

## CHANGEVER SWITCHES - ENCLOSED IP53 METAL 3 POLE

### 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	79.79
CO32IP53M	32	3	53	220	270	117	83.29
CO40IP53M	40	3	53	220	270	117	86.20
CO63IP53M	63	3	53	220	270	117	90.62
CO80IP53M	80	3	53	250	370	130	183.60
CO100IP53M	100	3	53	250	370	130	191.91
CO125IP53M	125	3	53	250	370	130	212.39



CO 80 IP53M

## CHANGEVER SWITCHES - ENCLOSED IP55 METAL 3 POLE

### Metalclad Changeover - IP55

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GCO3125IP55M	125	3	55	500	400	250	840.39
GCO3160IP55M	160	3	55	500	400	250	896.13
GCO3200IP55M	200	3	55	500	400	250	1,000.84
GCO3250IP55M	250	3	55	500	400	250	1,116.01
GCO3400IP55M	400	3	55	500	400	250	1,262.06



CO 160 IP55M

## CHANGEVER SWITCHES - ENCLOSED IP55 METAL 4 POLE

### Metalclad Changeover 4P - IP55

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
GCO4125IP55M	125A	4	55	400	500	250	815.78
GCO4160IP55M	160A	4	55	400	500	250	868.60
GCO4200IP55M	200A	4	55	400	500	250	999.92
GCO4250IP55M	250A	4	55	400	500	250	1,113.15
GCO4400IP55M	400A	4	55	400	500	250	1,259.66



## CHANGEVER SWITCHES - ENCLOSED IP65 POLYESTER 3 POLE

### Polyester Changeover Switches - IP65

£

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
CO25IP65P	25	3	65	190	280	130	89.61
CO32IP65P	32	3	65	190	280	130	93.23
CO40IP65P	40	3	65	190	280	130	96.24
CO63IP65P	63	3	65	190	280	130	100.78
CO80IP65P	80	3	65	342	253	129	213.08
CO100P65P	100	3	65	342	253	129	238.98
CO125IP65P	125	3	65	300	200	140	532.14
CO160IP65P	160	3	65	400	500	200	866.12
CO250IP65P	250	3	65	400	600	230	1,156.00



CO 63 IP65P

## CHANGEOVER SWITCHES - ENCLOSED IP53 - IP55 - IP65

### Metalclad Changeover Switches - IP53

Item	Rating (A)	Poles	IP Rating	Width mm	Height mm	Depth mm	Trade Price
CO 25 IP53M	25	3	53	220	270	117	79.79
CO 32 IP53M	32	3	53	220	270	117	83.29
CO 40 IP53M	40	3	53	220	270	117	86.20
CO 63 IP53M	63	3	53	220	270	117	90.62
CO 80 IP53M	80	3	53	250	370	130	183.60
CO 100 IP53M	100	3	53	250	370	130	191.91
CO 125 IP53M	125	3	53	250	370	130	212.39



CO 80 IP53M

### Metalclad Changeover Switches - IP55

GCO 3 125 IP55M	125	3	55	500	400	250	840.39
GCO 3 160 IP55M	160	3	55	500	400	250	896.13
GCO 3 200 IP55M	160	3	55	500	400	250	1,000.84
GCO 3 250 IP55M	250	3	55	500	400	250	1,116.01
GCO 3 400 IP55M	400	3	55	500	400	250	1,262.06



CO 160 IP55M

## ACCESSORIES

Item	Description	Trade Price
NPE 35	Neutral - Earth Terminal 35mm	11.86
NPE 120	Neutral - Earth Terminal 120mm	38.10
TBN185	Neutral - Earth Terminal 185mm	53.89



NPE120



NPE35

### FUSE DISCONNECTORS

Item	Rating (A)	Poles	Size	Trade Price
EFD 101P	32A	1	10 x 38	2.93
EFD 102P	32A	2	10 x 38	6.43
EFD 103P	32A	3	10 x 38	9.25
EFD 221P	100A	1	22 x 58	11.28
EFD 223P	100A	3	22 x 58	36.49



EFD 101P



EFD 103P



EFD 221P



EFD 223P

## TPN - Surface Metal IP41

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

### Metal TPN Boards 125A

Item	Ways	Rating (A)	Width mm	Height mm	Depth mm	Trade Price
GTPN12	12	125	465	506	105	134.75
GTPN18	18	125	465	560	105	154.00
GTPN24	24	125	465	614	105	162.58
GTPN30	30	125	465	668	105	189.86
GTPN36	36	125	465	722	105	218.34
GTPN42	42	125	465	777	105	252.42
GTPN48	48	125	465	830	105	284.93
GTPN54	54	125	465	884	105	334.48
GTPN72	72	125	465	1,046	105	418.09



### Metal TPN Boards 125A Accessories

Item	Description	Width mm	Height mm	Depth mm	Trade Price
GTPNH1	TPN header box 16 module	465	266	105	42.99
GTPNH2	Cable entry spreader box	465	206	105	28.15
GTPNH3	Cable entry meter box	465	206	105	28.15
GTPN-ADAPTOR	Adaptor TPN to S Phase				6.69
METAL BLANK	1 Mod Metal Blank				4.04
GCD100-4-03	4Pole 100A 30mA RCCB				229.59
GSV4125	4Pole 125A Isolator				44.66
GNM3TD-CT160	Multi function meter c/w 160CT (GNT160)				364.37

MCB's & RCD's pages 7-11

## RESIDUAL CURRENT BREAKER with Overcurrent Protection (RCBO) 10kA

**Type A, 1P + N RCBO.** Certified to IEC 61009-1

### 2 Pole 10kA Curve - B

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIB06A	6	1	2	30	1-6	41.89
RCBOLIB10A	10	1	2	30	1-6	41.89
RCBOLIB16A	16	1	2	30	1-6	41.89
RCBOLIB20A	20	1	2	30	1-6	41.89
RCBOLIB25A	25	1	2	30	1-6	41.89
RCBOLIB32A	32	1	2	30	1-6	41.89
RCBOLIB40A	40	1	2	30	1-6	43.44
RCBOLIB45A	45	1	2	30	1-6	43.44

### 2 Pole 10kA Curve - C

Item	Rated (A)	Modules	Poles	mA	For cable size mm <sup>2</sup>	Trade Price
RCBOLIC06A	6	1	2	30	1-6	41.89
RCBOLIC10A	10	1	2	30	1-6	41.89
RCBOLIC16A	16	1	2	30	1-6	41.89
RCBOLIC20A	20	1	2	30	1-6	41.89
RCBOLIC25A	25	1	2	30	1-6	41.89
RCBOLIC32A	32	1	2	30	1-6	41.89
RCBOLIC40A	40	1	2	30	1-6	43.44
RCBOLIC45A	45	1	2	30	1-6	43.44





# ELECTRIC VEHICLE CHARGING



PME FAULT  
DETECTION



SMART  
METERING



COMPREHENSIVE  
WARRANTIES



BILLING &  
MONITORING  
SOLUTIONS



DYNAMIC  
LOAD  
BALANCING



  
Office for  
Zero Emission  
Vehicles

\* Formerly known as OLEV

## ELECTRICAL VEHICLE DISTRIBUTION BOARDS Single Phase IP41

Item	Enclosure	Total Modules	IP Rating	Incoming	PEN Fault Detection	Load Management	Trade
G2EV40	G2-2	2	41	RCBO A	-	-	64.20
G4EV40	G4-4	4	41	RCBO A	-	-	64.20
G6EV40PME	G6-6	6	41	RCBO A	Yes	-	244.48
G6EVPME	G6-6	6	41	Terminals	Yes	-	226.72
G6EVPME132	G6-6	6	41	MCB	Yes	-	227.85
G8EV40PMEB	G8S6	8	41	RCBO B	Yes	-	575.56



G8EV40PMEB

## ELECTRICAL VEHICLE DISTRIBUTION BOARDS Single Phase IP65

Item	Enclosure	Total Modules	IP Rating	Incoming	PEN Fault Detection	Load Management	Trade Price
GC4EV40	G4-4	4	65	RCBO A	-	-	66.58
GC6EV40PME	G6-6	6	65	RCBO A	Yes	-	267.30
G8EV40PMEB	G8S6	8	65	RCBO B	Yes	-	599.76



GC6EV40PME

## ELECTRICAL VEHICLE DISTRIBUTION BOARDS Single Phase IP41 Load Management

Item	Enclosure	Rating Amps	IP Rating	Incoming	PEN Fault Detection	Load Management	Trade Price
G10EV40PMEDLM60	G10S8	60	41	RCBO A	Yes	Yes	585.30
G10EV40PMEDLM80	G10S8	80	41	RCBO A	Yes	Yes	585.30
G12EV40PMEDLMB60	G12S10	60	41	RCBO B	Yes	Yes	1020.24
G12EV40PMEDLMB80	G12S10	80	41	RCBO B	Yes	Yes	1020.24



G10EV40PMEDLM60

## ELECTRICAL VEHICLE DISTRIBUTION BOARDS Single Phase IP65 Load Management

Item	Enclosure	Rating Amps	IP Rating	Incoming	PEN Fault Detection	Load Management	Trade Price
GC12EV40PMEDLM60	GCUT12	60	65	RCBO A	Yes	Yes	596.00
GC12EV40PMEDLM80	GCUT12	80	65	RCBO A	Yes	Yes	596.00
GC12EV40PMEDLMB60	GCUT12	60	65	RCBO B	Yes	Yes	1,035.00
GC12EV40PMEDLMB80	GCUT12	80	65	RCBO B	Yes	Yes	1,035.00



GC12EV40PMEDLM60

## DOMESTIC WALL MOUNTED CHARGER - GLB Standard OCPP

	GLBDC	GLB-B
Basic Charging	Y	Y
Socket or Tethered Option(5m Cable)	Either	Either
Motorised Interlock	Y	Y
Output Options 6 - 32A set by dip switch	Y	Y
Available output range set by dip switch	7.4 kW	7.4 kW
Metering	O	Y
Dynamic Load Balancing	Y	Y
Input for timer / low tariff selection	Y	Y
Built-in DC Leakage Control	Y	Y
Wi-Fi Module	O	Lan
Communication	WiFi / Lan	Lan
RFID access control	O	O
Cloud Reporting system	G Cloud	OCPP
OCPP (Control via device / PC)		1.5 / 1.6



O *Optional Extra*

## DOMESTIC WALL CHARGER STANDARD

Item	Model Type & Connection	Trade Price
<b>DC Monitoring &amp; PEN Fault Protection</b>		
GLBDC-T274WOPME	7.4 kW Socket Type 2	1,090.00
GLBDC-T274FCPME	7.4 kW Fixed Lead Type 2	1,144.50

## DOMESTIC WALL CHARGER OCPP

<b>OCPP/OZEV* DC Monitoring &amp; PEN Fault Protection</b>		
GLBBDCMT274WOLPE	7.4 kW Socket Type 2	1,710.97
GLBBDCMT274FCLPE	7.4 kW Fixed Lead Type 2	1,779.10

Item	Model Type & Connection	Trade Price
------	-------------------------	-------------

<b>Standard - DLM &amp; DC Monitoring</b>		
GLBDC-T222WO	3.7 kW - 22 kW Socket Type 2	950.93
GLBDC-T222FC	3.7 kW - 22 kW Fixed Lead Type 2	1,019.41

<b>OCPP / OZEV* DC Monitoring</b>		
GLB-B-DCMT274WOL	Socket Type 2 7.4 kW	1,575.05
GLB-B-DCMT274FCL	Fixed Lead Type 2 7.4 kW	1,635.00

<b>OCPP / OZEV* DLM &amp; DC Monitoring</b>		
GLB-B-DCMT222WOL	Socket Type 2 22kW RFID LAN	2,124.33
GLB-B-DCMT222WOM	Socket Type 2 22kW RFID 4G	2,673.61

FOR ACCESSORIES SEE PAGE 39



\* Formerly known as OLEV

# GRANT APPROVED

## DUAL WALL MOUNTED CHARGER - GTB STANDARD

	GTB	GTB With Meters	GTB With Meters & WiFi
Mode 3 Charging	Y	Y	Y
Socket or Tethered Option (FC)	Y	Y	Y
Motorised Interlock	Y	Y	Y
Output Options 6 - 32A (set by dipswitch)	Y	Y	Y
Available Output Range 7.4kW - 22kW	Y	Y	Y
Pillar Mounting	O	O	O
Primary Secondary Configuration (max 32 chargers)	Y	Y	Y
Metering	O	Y	Y
Dynamic Load Balancing *	Y	Y	Y
Input for timer / low tariff selection	Y	Y	Y
Built-in DC Leakage Control	Y	Y	Y
Wi-Fi Interface	-	-	Y
RFID access control	O	O	O
Cloud Reporting System	O	O	O

"O" Optional Extra

\* Note: Dynamic Load Balancing requires meter GNM3D-RS485 or GNM1D-100-RS485 (sold separately)

Item	Model Type & Connection	Trade Price
------	-------------------------	-------------

### GTB (Standalone or Secondary)

GTBDC-T274WO-A	Single Phase 7.4KW Twin Charger with Type11 Sockets	3,018.06
GTBDC-T274FC-A	Single Phase 7.4KW Twin Charger with Type11 Leads	3,648.38
GTBDC-T222WO-A	Three Phase 22KW Twin Charger with Type11 Sockets	3,066.02

### GTB with Meters (Standalone or Secondary)

GTBDCM-T274WO-A	Single Phase 7.4KW Twin Charger with Meters & Type11 Sockets	3,189.34
GTBDCM-T274FC-A	Single Phase 7.4KW Twin Charger with Meters & Type11 Leads	3,819.36
GTBDCM-T222WO-A	Three Phase 22KW Twin Charger with Meters & Type11 Sockets	3,521.64

### GTB with Meters & WiFi (Standalone or Primary)

GTBDCMW-T274WO-A	Single Phase 7.4KW Twin Charger with WiFi, Meters & Type11 Sockets	3,412.02
GTBDCMW-T274FC-A	Single Phase 7.4KW Twin Charger with WiFi, Meters & Type11 Leads	4,042.34
GTBDCMW-T222WO-A	Three Phase 22KW Twin Charger with WiFi, Meters & Type11 Sockets	3,744.19



### GTB+ OCPP/OZEV with Meters

GTBBDCMT274WOARL	OCPP 2 X 7.4kw Dual Charger LAN, Meter RFID	5,353.84
GTBBDCMT222WOARL	OCPP 2 X 22kw Dual Charger LAN Meter RFID	5,734.37
GTBBDCMT274WOARM	OCPP 2 X 7.4kw Dual Charger 4G Meter RFID	5,721.14
GTBBDCMT222WOARM	OCPP 2 X 22kw Dual Charger 4G Meter RFID	6,101.66



### GTCDC - NOVA TEMP

GTCDC-T274WO-A	OCPP 2 X 7.4kw Dual Charger LAN, Meter RFID	3,959.78
GTCDCMW-T274WO-A	OCPP 2 X 22kw Dual Charger LAN Meter RFID	4,763.85



FOR ACCESSORIES SEE PAGE 39



# ELECTRIC VEHICLE CHARGING - STREET

## STREET CHARGER - LS4

## OCPP / OZEV\*

	LAN & LANC	MC & MCC	AU & AUC
Basic Charging	Y	Y	Y
Type 2 Sockets	x 2	x 2	x 2
Motorised Interlock	Y	Y	Y
Output Factory Set	Y	Y	Y
Dynamic Load Balancing (see external meters below)	Y	Y	Y
Metering	Y	Y	Y
Core Balanced Protection (no nuisance tripping)	Y	Y	Y
Full Open OCPP	Y	Y	Y
PC Browser Interface	Y	Y	Y
LAN	Y	O	O
Wi-Fi	Y	Y	Y
RFID access control	Y	Y	Y
DC Leakage Protection	Y	Y	Y
Suitable for Wall Mounting		Y	Y
Comprehensive Cloud Reporting system	Y	Y	Y
4G Built in Modem		Y	Y
Auto Reclosing MCB / RCCB			Y



Item	Description	Trade Price
<b>Standard LAN Versions</b>		
LS4DCMT274WO-LAN	2 x 7.4kw Outlets Metered, LAN & RFID	5,585.47
LS4DCMT222WO-LAN	2 x 22kw Outlets Metered, LAN & RFID	5,658.28
<b>Standard 4G Versions</b>		
LS4DCMT274WO-MC	2 x 7.4kw Outlets Metered, RFID & 4G	6,081.81
LS4DCMT222WO-MC	2 x 22kw Outlets Metered, RFID & 4G	6,187.69
<b>AUTO</b>		
	Self Closing RCBO / RCCB	
LS4M-T222W 4G AU	2 x 22kw Outlets Metered, RFID & 4G	7,439.36
LS4M-T222W 4G AUC	Compact 2 x 22kw Outlets Metered, RFID & 4G	7,698.67

## CASTRA CHARGER FOR CARAVAN / RECREATIONAL SITES

### CASTRA CAMPING POST

CLS1DCMWT223WO-A	2 x 2.3kw T2 outlets Metered , WIFI ,RFID 2 X IEC Socket 16A	4,036.89
CLS1DCMWT237WO-A	2 x 3.7kw T2 outlets Metered , WIFI ,RFID 2 X IEC Socket 16A	4,036.89



FOR ACCESSORIES SEE PAGE 39

## EV ACCESSORIES

Item	Description				Trade Price
<b>Meters</b>		<b>GLB</b>	<b>GTB</b>	<b>LS4</b>	
GNM1D-RS485	Single phase local Meter 45 Amps	X	X		71.91
GNM1D-100-RS485	Single Phase DLM Meter 100 Amp	X	X		135.60
GNM3D-RS485	Three Phase DLM or local Meter 63 Amps	X	X	X	182.20
DLM300	Three Phase CT DLM Meter 300 Amps	X	X	X	799.38
DLM600	Three Phase CT DLM Meter 600 Amps			X	799.82



<b>Communication &amp; Access</b>		<b>GLB</b>	<b>GTB</b>	<b>LS4</b>	
RFID Cards	Pack of 5 RFID cards	X	X	X	64.22
RFID Tags	Pack of 5 RFID Tags	X	X	X	64.22
GLB-WIFI	WIFI Module for GLB	X			292.12
GLB-RFID	RFID module for GLB	X			99.63
GTB-RFIDKIT	Dual RFID Module for GTB		X		208.96
RFID-116-L1	Charger RFID Reader	X	X	X	137.34
EVTEST TYPE2	Tester EV Station Plug Type 2	X	X	X	810.69
EVTESTTYPE 1 SKT	Tester EV Station Socket Type 1	X	X	X	864.49



<b>Wall Brackets</b>		<b>GLB</b>	<b>GTB</b>	<b>LS4</b>	
MVR-AB	Plate Mounted post Oval for GTB		X		305.61
GTB-WB	GTB Wall Bracket (Required for 22KW)		X		58.24
VF-LS4	Ground/Wall Mounted Pedestal LS4			X	82.02

<b>Ground Mounts</b>		<b>GLB</b>	<b>GTB</b>	<b>LS4</b>	
GLBFD	Mounted Post Single & Double (Used with MVRF/MVRP)	X			342.13
ST-GHL	Single Charger Freestanding Pillar	X			594.01
ST-GHL-D	Double Charger Freestanding Pillar	X			635.38
GTB-PB-TUBE60	GTB Post Bracket 60mm (to be used with MVRP or MVRF)		X		118.36
MVRF	In Ground Fixing.. Post 1550mm for GLBFD/ST-GHL/LS4-PM	X	X	X	118.36
MVRP	Plate mounted post 750mm for GTB		X		90.94
GTB-PB-OVAL	GTB Post Bracket (to be used with MVR-AB)		X		184.58
MVR-AB	Plate Mounted post Oval for GTB		X		305.61
LS4-PM	LS4 Fixing Bracket for MVRF			X	71.75
MF-LS4	LS4 Foundation Ground Support			X	174.73



ST-GHL

<b>GLB Covers</b>		<b>GLB</b>			
GLB-COVERWHITE	GLB White Cover	X			53.30
GLB-COVERGREY	GLB Grey Cover	X			53.30
GLB-COVERBUR	GLB Burgandy Cover	X			53.30



<b>EV Charging Cables</b>		<b>GLB</b>	<b>GTB</b>	<b>LS4</b>	
CCM32T2T1-5	Type 2 to Type 1 32A 240V 5 Meter EV Charging Cable	X	X	X	467.77
CCM32T2T2-5	Type 2 to Type 2 32A 240V 5 Meter EV Charging Cable	X	X	X	435.14
CCM32T2T2-8	Type 2 to Type 2 32A 240V 8 Meter EV Charging Cable	X	X	X	471.39
CCM32T2T2-10	Type 2 to Type 2 32A 240V 10 Meter EV Charging Cable	X	X	X	513.72
CCT32T2T2-5	Type 2 to Type 2 32A 400V 5 Meter EV Charging Cable	X	X	X	471.39
CCT32T2T2-8	Type 2 to Type 2 32A 400V 8 Meter EV Charging Cable	X	X	X	543.92
CCT32T2T2-10	Type 2 to Type 2 32A 400V 10 Meter EV Charging Cable	X	X	X	622.24

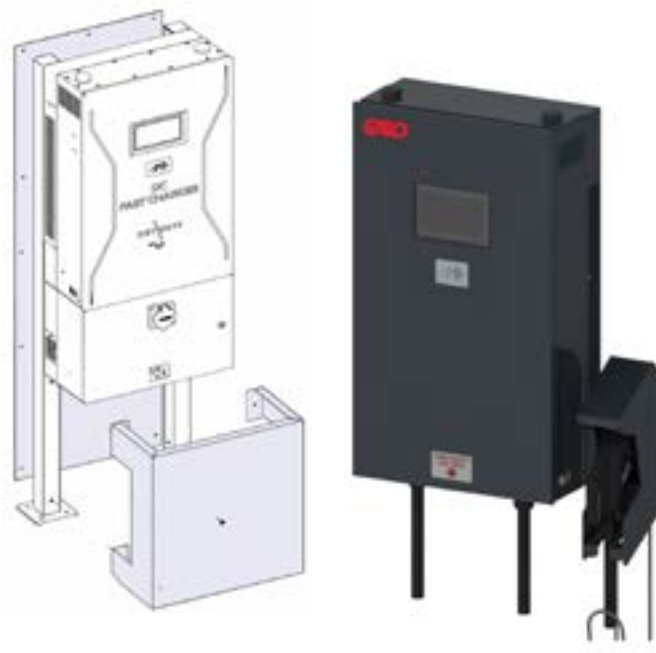


## QC24 - 24KW DC RAPID EV CHARGING STATION - PEDALSTALQ24CC

- Charges EV cars in less than 1 hour (typically)
- One charging output, either CCS Combo or CHAde
- Compact design for fast & economic installation
- Maintenance free cooling system without air filter
- Compatible with all AC networks, 1-Phase & 3-Phase
- Robust design for outdoor use (IP 55 / IK 10)
- Dual Modem for separate operation & maintenance
- OCPP1.6 compliant for Smart Charging
- Front panel & user menu are customisable
- Wall pedestal mounted

### Main Applications:

- Car Dealerships
- Service Centres
- Enterprise fleet
- Utility vehicle fleet
- PEDALSTALQ24CC
- ALTE24KWCCS CHAD



## QC50 - 50KW DC RAPID EV CHARGING STATION

Quickly recharges the battery from 20% to 80% on most electric car batteries in just 20 minutes

- Premium solution for public charging environments
- 360° Lighting strip allows users to see the units charging status
- Strong and corrosion resistant metal cover
- Simple Touch Screen
- Easy to use, reliable & durable
- Full Control with RFID
- Customisable with your branding
- 1 x CHAdeMO Tethered Lead, 1 x CCS Tethered Lead
- OCPP1.6 compliant for Smart Charging
- Weight: 280 kg
- Mounted: Floor
- Dimensions: 1,955 mm[H] x 600 mm[W] x 540 mm[D]

### Main Applications

- Service Stations
- Shopping Centres
- ALTHEA 50KW - £48,395.14



**Contact our EV Experts to discuss your requirements and pricing options**

## BACK OFFICE SOLUTIONS

### G-CLOUD SMART CHARGING & MONITORING SOFTWARE for Billing & Charging

*When you want full control over all Electric Vehicle Charging in apartment buildings, workplaces and beyond...*

G-Cloud is GARO's proprietary web-based measurement collection service.

G-Cloud offers a clear charge monitoring solution, RFID management, information on energy consumption, user and period statistics, reports and payment data for GARO charge points.

**DIVIDED USER STATISTICS** - Each user receives an RFID tag that allows access to the nominated chargers.

For the user, there is access to statistics on electricity consumption for their own electric car as well as the opportunity to manage their tags.

**VALUE ENERGY MONITORING** - For the property owner, G-Cloud's measurement values create a specified basis that allows you to divide the payment between individual users. In addition, the energy monitoring of each charger, user and period provides valuable data for the evaluation of each charging point's use rate and location.

G-Cloud can be connected to both new or existing charging systems with GARO charging points GLBDC & GTBDC. Please note this is a non OCPP product, G-Cloud has been developed exclusively for GAROs EV Charging range.

*Talk to our EV experts to learn more and to arrange a closer look at G-Cloud!*



### OCPP SOFTWARE SOLUTION For Billing, Charging, Monitoring & Maintenance

#### What is OCPP?

OCPP stands for Open Charge Point Protocol. This protocol allows charge points (hardware) and charge point software to talk to each other. Some companies use proprietary programming languages that can only communicate between their own charging stations. This will NOT allow them to talk to other companies charge points.

#### Why OCPP?

A major advantage of OCPP is that you're not locked into one vendor/software provider for the life of the product. OCPP allows you to mix and match EV charging points and software from different providers. If you're thinking of expanding your EV network but prefer the network capabilities from a different software provider then you will have the choice to combine various charge point manufactures with one software option.

#### GAROs OCPP Offerings

Garo offers a number of EV Charge points configured with OCPP technology and ready to integrate to a payment & monitoring software solution.

Garo also provides a complete OCPP back office solution.



#### Software Features

- Overview/Dashboards
- Network and Device Status
- Fault Management with intelligent Alerting strategies (SMS, email)
- Remote Management – control of devices, software update deployment
- Access Control and management through card (RFID), Smartphone App or SMS options
- Billing & Revenue generation – tariffs, payment systems and accounting

*Contact us to discuss your requirements and to arrange a demo of our software solution.*



# CEE PLUGS & SOCKETS



EXCEPTIONAL  
VALUE



CE CERTIFIED



WEATHER  
PROOF



STRONG &  
DURABLE

## IP44

### Plugs

Item	Pins	Poles	Operating Voltage V	Frequency Hz	Clock Pos	Colour Code	Package size	Trade Price
P216-4S	3	2p + E	100-130	50-60	4	■	10	2.54
P216-6S	3	2p + E	200-250	50-60	6	■	10	2.54
P232-4S	3	2p + E	100-130	50-60	4	■	10	7.03
P232-6S	3	2p + E	200-250	50-60	6	■	10	7.03
P416-6S	5	3p + N + E	200-415	50-60	6	■	10	4.72
P432-6S	5	3p + N + E	200-415	50-60	6	■	10	6.79



P216 - 6S

### Sockets

S216-4S	3	2p + E	100-130	50-60	4	■	10	4.23
S216-6S	3	2p + E	200-250	50-60	6	■	10	4.31
S232-4S	3	2p + E	100-130	50-60	4	■	10	9.37
S232-6S	3	2p + E	200-250	50-60	6	■	10	8.21
S416-6S	5	3p + N + E	200-415	50-60	6	■	10	6.79
S432-6S	5	3p + N + E	200-415	50-60	6	■	10	11.26



S 216-4S

### Wall Sockets

UI216-4S-RU	3	2p + E	100-130	50-60	4	■	10	6.77
UI216-6S-RU	3	2p + E	200-250	50-60	6	■	10	6.77
UI232-4S-RU	3	2p + E	100-130	50-60	4	■	10	8.21
UI232-6S-RU	3	2p + E	200-250	50-60	6	■	10	11.15
UI416-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	8.92
UI432-6S-RU	5	3p + N + E	200-415	50-60	6	■	10	11.72



UI 232-6 S-RU

## IP67

### Plugs

Item	Pins	Poles	Operating Voltage V	Frequency Hz	Clock Pos	Colour Code	Package size	Trade Price
PV216-4S	3	2p + E	100-300	50-60	4	■	10	7.04
PV216-6S	3	2p + E	200-250	50-60	6	■	10	6.50
PV232-4S	3	2p + E	100-130	50-60	4	■	10	11.84
PV232-6S	3	2p + E	200-250	50-60	6	■	10	10.44
PV416-6S	5	3p + N + E	200-415	50-60	6	■	2	8.62
PV432-6S	5	3p + N + E	200-415	50-60	6	■	2	10.56



PV 316-4S

### Sockets

SV216-4S	3	2p + E	100-300	50-60	4	■	10	8.84
SV216-6S	3	2p + E	200-250	50-60	6	■	10	8.84
SV232-4S	3	2p + E	100-130	50-60	4	■	10	15.37
SV232-6S	3	2p + E	200-250	50-60	6	■	10	10.78
SV416-6S	5	3p + N + E	200-415	50-60	6	■	10	11.55
SV432-6S	5	3p + N + E	200-415	50-60	6	■	10	14.09



SV 316-6S

### Wall Sockets

UIV216-4S-RU	3	2p + E	100-300	50-60	4	■	5	13.67
UIV216-6S-RU	3	2p + E	200-250	50-60	6	■	5	11.97
UIV232-4S-RU	3	2p + E	100-130	50-60	4	■	5	15.47
UIV232-6S-RU	3	2p + E	200-250	50-60	6	■	5	15.95
UIV416-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	15.07
UIV432-6S-RU	5	3p + N + E	200-415	50-60	6	■	5	17.37



UIV 316-6S - RU

## PLUGS 16A - 63A IP44

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



P463 - 6S



P216 - 6S

£

Item	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
P 216-4 S	3 2p + E	100-130	50-60	4 <span style="color: yellow;">■</span>	10	2.54
P 216-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	2.54
P 232-4 S		100-130	50-60	4 <span style="color: yellow;">■</span>	10	7.03
P 232-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	10	7.03
P 263-6 S		200-250	50-60	6 <span style="color: blue;">■</span>	2	31.21
P 316-4 S		4 3p + E	100-130	50-60	4 <span style="color: yellow;">■</span>	10
P 316-6 S	380-415		50-60	6 <span style="color: red;">■</span>	10	5.66
P 332-6 S	380-415		50-60	6 <span style="color: red;">■</span>	10	8.04
P 363-6 S	380-415		50-60	6 <span style="color: red;">■</span>	2	32.00
P 416-6 S	200-415		50-60	6 <span style="color: red;">■</span>	10	4.72
P 432-6 S	5 3p + N + E		200-415	50-60	6 <span style="color: red;">■</span>	10
P 463-6 S		200-415	50-60	6 <span style="color: red;">■</span>	2	33.57

Other clock positions are produced to order.

## PLUGS WATERTIGHT 16A - 125A IP67

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



PV 316-4S



PV 416-6S

Item	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
PV 216-4S		100-300	50-60	4 ■	10	7.04
PV 216-6S		200-250	50-60	6 ■	10	6.50
PV 232-4S		100-130	50-60	4 ■	10	11.84
PV 232-6S	3 2p + E	200-250	50-60	6 ■	10	10.44
PV 263-4S		100-130	50-60	4 ■	2	39.73
PV 263-6S		200-250	50-60	6 ■	2	36.02
PV 2125-6S		200-250	50-60	6 ■	2	82.11
PV 316-4S		100-130	50-60	4 ■	10	9.27
PV 316-6S		380-415	50-60	6 ■	10	7.68
PV 332-4S	4	100-130	50-60	4 ■	10	12.39
PV 332-6S	3p + E	380-415	50-60	6 ■	10	12.39
PV 363-6S		380-415	50-60	6 ■	2	31.33
PV 3125-6S		380-415	50-60	6 ■	2	92.64
PV 416-6S		200-415	50-60	6 ■	10	8.62
PV 432-6S	5	200-415	50-60	6 ■	10	10.56
PV 463-6S	3p + N + E	200-415	50-60	6 ■	2	35.16
PV 4125-6S		200-415	50-60	6 ■	2	98.55

£

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years



## PLUGS ANGLED 16A and 32A IP44

Connectable cable size:

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

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

Degree of protection IP44



PA 216 - 6S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
PA 216-6 S	3 2p + E	200-250	50-60	6 ■	10	8.21
PA 416-4 S		100-130	50-60	4 ■	10	12.71
PA 416-6 S	5 3p + N + E	200-415	50-60	6 ■	10	9.71
PA 432-6 S		200-415	50-60	6 ■	10	13.82

## PHASE INVERTER 16A and 32A IP44

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



FV 416 - 6S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
FV 316-6 S	4 2p + N + E	380-415	50-60	6 ■	10	16.07
FV 416-6 S	5 3p + N + E	200-415	50-60	6 ■	10	14.64
FV 432-6 S	5 3p + N + E	200-415	50-60	6 ■	10	16.99

Other clock positions are produced to order.

## SOCKETS 16A - 63A IP44

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



S 216-4S



S 216-6S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
S 216-4 S		100-130	50-60	4 ■	10	4.23
S 216-6 S		200-250	50-60	6 ■	10	4.31
S 232-4 S	3 2p + E	100-130	50-60	4 ■	10	9.37
S 232-6 S		200-250	50-60	6 ■	10	8.21
S 263-6 S		200-250	50-60	6 ■	2	40.57
S 316-4 S		100-130	50-60	4 ■	10	6.53
S 316-6 S		380-415	50-60	6 ■	10	5.85
S 332-6 S	4 3p + E	380-415	50-60	6 ■	10	8.02
S 363-6 S		380-415	50-60	6 ■	2	43.64
S 416-6 S		200-415	50-60	6 ■	10	6.79
S 432-6 S	5 3p + N + E	200-415	50-60	6 ■	10	11.26
S 463-6 S		200-415	50-60	6 ■	2	48.05

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## SOCKETS WATERTIGHT 16A - 125A IP67

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



SV 316-6S



SV 332-4S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
SV 216-4S	3 2p + E	100-130	50-60	4 ■	10	8.84
SV 216-6S		200-250	50-60	6 ■	10	8.84
SV 232-4S		100-130	50-60	4 ■	10	15.37
SV 232-6S		200-250	50-60	6 ■	10	10.78
SV 263-4S		100-130	50-60	4 ■	2	57.19
SV 263-6S		200-250	50-60	6 ■	2	44.09
SV 2125-6S	4 3p + E	200-250	50-60	6 ■	2	84.43
SV 316-4S		100-130	50-60	4 ■	10	12.49
SV 316-6S		380-415	50-60	6 ■	10	10.03
SV 332-6S		380-415	50-60	6 ■	10	16.37
SV 363-6S		380-415	50-60	6 ■	2	36.49
SV 3125-6S		380-415	50-60	6 ■	2	98.54
SV 416-6S	5 3p + N + E	200-415	50-60	6 ■	10	11.55
SV 432-6S		200-415	50-60	6 ■	10	14.09
SV 463-6S		200-415	50-60	6 ■	2	46.91
SV 4125-6S		200-415	50-60	6 ■	2	112.63

Other clock positions are produced to order.

## WALL SOCKET 16A - 63A IP44

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



UI 232-6 S-RU

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
UI 216-4 S - RU	3 2p + E	100-130	50-60	4 ■	10	6.77
UI 216-6 S - RU		200-250	50-60	6 ■	10	6.77
UI 232-4 S - RU		100-130	50-60	4 ■	10	8.21
UI 232-6 S - RU		200-250	50-60	6 ■	10	11.15
UI 263-6 S - RU	4 3p + E	200-250	50-60	6 ■	2	40.58
UI 316-4 S - RU		100-130	50-60	4 ■	10	8.94
UI 316-6 S - RU		380-415	50-60	6 ■	10	6.91
UI 332-6 S - RU		380-415	50-60	6 ■	10	8.02
UI 363-6 S - RU	5 3p + N + E	380-415	50-60	6 ■	2	41.28
UI 416-6 S - RU		200-415	50-60	6 ■	10	8.92
UI 432-6 S - RU		200-415	50-60	6 ■	10	11.72
UI 463-6 S - RU		200-415	50-60	6 ■	2	44.57



UI 216-4 DE-RU

### Wall sockets with double entry

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
UI 216-4 DE - RU	3 2p + E	100-130	50-60	4 ■	10	11.35
UI 216-6 DE - RU		200-250	50-60	6 ■	10	9.44
UI 232-6 DE - RU		200-250	50-60	6 ■	10	12.52
UI 263-6 S - RU		200-250	50-60	6 ■	2	40.58
UI 316-6 DE - RU	4 3p + E	380-415	50-60	6 ■	10	11.22
UI 332-6 DE -RU		380-415	50-60	6 ■	10	12.71
UI 363-6 S - RU		380-415	50-60	6 ■	2	41.28
UI 416-6 DE - RU		200-415	50-60	6 ■	10	11.90
UI 432-6 DE - RU	5 3p + N + E	200-415	50-60	6 ■	10	13.33
UI 463-6 S - RU		200-415	50-60	6 ■	2	44.57

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## WALL SOCKET WATERTIGHT 16A - 125A IP67

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



UIV 316-6S - RU

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
UIV 216-4S - RU	3 2p + E	100-130	50-60	4 ■	5	13.67
UIV 216-6S - RU		200-250	50-60	6 ■	5	11.97
UIV 232-4S - RU		100-130	50-60	4 ■	5	15.47
UIV 232-6S - RU		200-250	50-60	6 ■	5	15.95
UIV 263-4S - RU		100-130	50-60	4 ■	2	50.29
UIV 263-6S - RU		200-250	50-60	6 ■	2	39.35
UIV 2125-6S - RU	4 3p + E	200-250	50-60	6 ■	1	107.92
UIV 316-4S - RU		100-130	50-60	4 ■	5	16.90
UIV 316-6S - RU		380-415	50-60	6 ■	5	13.82
UIV 332-6S - RU		380-415	50-60	6 ■	5	17.17
UIV 363-6S - RV		380-415	50-60	6 ■	2	41.18
UIV 3125-6S - RU		380-415	50-60	6 ■	1	112.63
UIV 416-6S - RU	5 3p + N + E	200-415	50-60	6 ■	5	15.07
UIV 432-6S - RU		200-415	50-60	6 ■	5	17.37
UIV 463-6S - RU		200-415	50-60	6 ■	2	59.48
UIV 4125-6S - RU		200-415	50-60	6 ■	1	124.34

Other clock positions are produced to order.

## WALL INLET 16A - 63A IP44

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.



II 216-4S - RI



II 232-6S -RI

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
II 216-4 S - RI	3 2p + E	100-130	50-60	4 ■	10	9.62
II 216-6 S - RI		200-250	50-60	6 ■	10	8.74
II 232-4 S - RI		100-130	50-60	4 ■	10	12.67
II 232-6 S - RI		200-250	50-60	6 ■	10	12.02
II 263-6 S - RI		200-250	50-60	6 ■	2	54.18
II 316-4 S - RI	4 3p + E	100-130	50-60	4 ■	10	13.10
II 316-6 S - RI		380-415	50-60	6 ■	10	10.27
II 332-6 S - RI		380-415	50-60	6 ■	10	12.42
II 416-6 S - RI		200-415	50-60	6 ■	10	11.15
II 432-6 S - RI		5 3p + N + E	200-415	50-60	6 ■	10
II 463-6 S - RI	380-415		50-60	6 ■	2	54.11

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

# INDUSTRIAL PLUGS & SOCKETS

## WALL INLET WATERTIGHT 16A - 125A IP67

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>

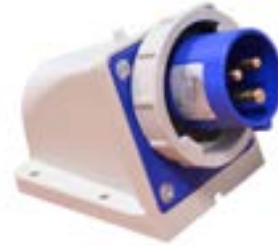
63A: 6-16 mm<sup>2</sup> & for solid cable 6-25 mm<sup>2</sup>

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

Degree of protection IP67.



IIV 463-6S - RI



IIV 216-6S - RI

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price	
IIV 216-4S - RI	3 2p + E	100-130	50-60	4 ■	10	23.81	
IIV 216-6S - RI		200-250	50-60	6 ■	10	23.49	
IIV 232-4S - RI		100-130	50-60	4 ■	10	28.37	
IIV 232-6S - RI		200-250	50-60	6 ■	10	31.69	
IIV 263-4S - RI		100-130	50-60	4 ■	2	73.27	
IIV 263-6S - RI		200-250	50-60	6 ■	2	52.98	
IIV 2125-6 - RI		200-250	50-60	6 ■	1	111.43	
IIV 332-6S - RI		4 3p + E	380-415	50-60	6 ■	10	30.50
IIV 363-6S - RI			380-415	50-60	6 ■	2	46.59
IIV 3125-6S - RI			380-415	50-60	6 ■	1	139.36
IIV 416-6S - RI	200-415		50-60	6 ■	10	23.98	
IIV 432-6S - RI	5 3p + N + E	200-415	50-60	6 ■	10	25.18	
IIV 463-6S - RI		200-415	50-60	6 ■	2	51.60	
IIV 4125-6S - RI		200-415	50-60	6 ■	1	119.64	

Other clock positions are produced to order.

## CONNECTION OUTLETS - 3 WAY 16A IP44

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



Type	Poles	Connectors	Operating Voltage V	Frequency Hz	Clock pos.- Colour code	Package size	Trade Price
P3 S216-4S	3	3 x 16A socket outlets	110-130	50-60	4 ■	1	52.47
P3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 ■	1	47.70

## CONNECTION OUTLETS - 3 WAY 16A 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 IP67



Type	Poles	Connectors	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
PV3 S216-4S	3	3 x 16A socket outlets	110-130	50-60	4 ■	1	70.08
PV3 S216-6S	3	3 x 16A socket outlets	200-250	50-60	6 ■	1	63.73

## 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



Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
II216-6-13A	3	200-250	50-60	6 ■	10	18.87

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years



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

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



UI 316-4S



UI L 216-6S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
UIL 216-4 S	3 2p + E	100-130	50-60	4	10	4.14
UIL 216-6 S		200-250	50-60	6	10	3.78
UI 216-4 S		100-130	50-60	4	10	4.11
UI 216-6 S		200-250	50-60	6	10	3.78
UI 232-4 S		100-130	50-60	4	10	5.56
UI 232-6 S		200-250	50-60	6	10	5.18
UI 263-4 S	4 3p + E	100-130	50-60	4	2	42.52
UI 263-6 S		200-250	50-60	6	2	32.68
UI 316-6 S		380-415	50-60	6	10	4.73
UI 332-6 S		380-415	50-60	6	10	6.06
UI 363-6 S		380-415	50-60	6	2	31.50
UI 416-6 S		200-415	50-60	6	10	4.92
UI 432-6 S	5 3p + N + E	200-415	50-60	6	10	7.01
UI 463-6 S		200-415	50-60	6	2	34.66

Other clock positions are produced to order.

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

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



UIS 263-6S



UIS 316-6S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos.- colour code	Package size	Trade Price
UIS 216-4 S	3 2p + E	100-130	50-60	4	10	4.05
UIS 216-6 S		200-250	50-60	6	10	3.70
UIS 232-4 S		100-130	50-60	4	10	6.52
UIS 232-6 S		200-250	50-60	6	10	5.56
UIS 263-6 S	4 3p + E	200-250	50-60	6	2	31.27
UIS 316-6 S		380-415	50-60	6	10	4.64
UIS 332-6 S		380-415	50-60	6	10	5.74
UIS 363-4 S		100-130	50-60	4	2	33.46
UIS 363-6 S	5 3p + N + E	380-415	50-60	6	2	33.45
UIS 416-6 S		200-415	50-60	6	10	4.82
UIS 432-6 S		200-415	50-60	6	10	6.86
UIS 463-6 S		200-415	50-60	6	2	34.68

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## PANEL MOUNTED SOCKET WATERTIGHT - ANGLED MOUNTING PLATE 16A - 125A IP67

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



UISV 263-6S



UIV 232-4S

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
UISV 216-4S	3 2p + E	100-130	50-60	4 ■	10	9.42
UISV 216-6S		200-250	50-60	6 ■	10	9.45
UISV 232-4S		100-130	50-60	4 ■	10	11.34
UISV 232-6S		200-250	50-60	6 ■	10	11.34
UISV 263-6S		200-250	50-60	6 ■	2	33.02
UISV 2125-6S		200-250	50-60	6 ■	2	63.05
UISV 316-6S	4 3p + E	380-415	50-60	6 ■	10	9.76
UISV 332-6S		380-415	50-60	6 ■	10	11.96
UISV 3125-6S		380-415	50-60	6 ■	2	63.82
UISV 416-6S	5 3p + N + E	200-415	50-60	6 ■	10	10.75
UISV 432-6S		200-415	50-60	6 ■	10	13.24
UISV 463-6S		200-415	50-60	6 ■	2	36.57
UISV 4125-6S		200-415	50-60	6 ■	2	67.29

Other clock positions are produced to order.

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

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

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
II 216-4 S	3	100-130	50-60	4 ■	10	4.56
II 216-6 S		200-250	50-60	6 ■	10	4.56
II 232-4 S	2p+E	100-130	50-60	4 ■	10	6.58
II 232-6 S		200-250	50-60	6 ■	10	6.62
II 263-6 S	4	200-250	50-60	6 ■	4	32.02
II 316-4 S		100-130	50-60	4 ■	10	6.51
II 316-6 S	3p + E	380-415	50-60	6 ■	10	5.68
II 332-6 S		380-415	50-60	6 ■	10	7.67
II 416-6 S	5	200-415	50-60	6 ■	10	5.68
II 432-6 S		3p+N+E	200-415	50-60	6 ■	10

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

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

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
IIV 263-4	3	100-130	50-60	4 ■	2	53.00
IIV 263-6		200-250	50-60	6 ■	2	39.90
IIV 2125-4	2p + E	100-130	50-60	4 ■	2	100.67
IISV 2125-6S		200-250	50-60	6 ■	2	101.80
IIV 363-6	4	380-415	50-60	6 ■	2	46.36
IIV 3125-6		3p + E	380-415	50-60	6 ■	2
IIV 463-6	5	200-415	50-60	6 ■	2	46.36
IIV 4125-6		3p + N + E	200-415	50-60	6 ■	2

Other clock positions are produced to order.

**Warranty** \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## COMBINATION UNITS 16A - 32A IP44

16A:

Connectable cable size: 1-2.5mm<sup>2</sup>

Solid cable 2.5-6mm<sup>2</sup>

32A:

Connectable cable size: 2.5-6mm<sup>2</sup>

Solid cable 2.5-10mm<sup>2</sup>



Degree of protection IP44

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>Wall Socket with 4 Module Window 16A-32A IP44</b>						
URBB 216-4S		100-130	50-60	4 ■	1	69.81
URBB 216-6S	3	200-250	50-60	6 ■	1	64.44
URBB 232-4S	2p+E	100-130	50-60	6 ■	1	78.63
URBB 232-6S		200-250	50-60	4 ■	1	71.73
URBB 316-6S	4	380-415	50-60	4 ■	1	65.59
URBB 332-6S	3p + E	380-415	50-60	6 ■	1	72.11
URBB 416-6S	5	200-415	50-60	6 ■	1	65.98
URBB 432-6S	3p+N+E	200-415	50-60	6 ■	1	72.50

For Interlocked Sockets with RCCB see page 61

16A:

Connectable cable size: 1.5-2.5mm<sup>2</sup>

Solid cable 1.5-4mm<sup>2</sup>

32A:

Connectable cable size: 2.5mm<sup>2</sup>

Solid cable 2.5-10mm<sup>2</sup>



Degree of protection IP44

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>Interlocked Socket Outlet IP44 16A-32A</b>						
UBB 216-4S		100-130	50-60	4 ■	1	58.11
UBB 216-6S	3	200-250	50-60	6 ■	1	55.62
UBB 232-4S	2p+E	100-130	50-60	4 ■	1	59.26
UBB 232-6S		200-250	50-60	6 ■	1	58.11
UBB 316-6S	4	380-415	50-60	6 ■	1	65.20
UBB 332-6S	3p + E	380-415	50-60	6 ■	1	61.37
UBB 416-6S	5	200-415	50-60	6 ■	1	65.98
UBB 432-6S	3p+N+E	200-415	50-60	6 ■	1	79.79

## INTERLOCKED SOCKETS OUTLETS WATERTIGHT 16A - 125A IP67

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



UBV 263-6SI



UBV 3125-6

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>16A, 32A 63A</b>						
UBC 216-4S	3 2p + E	100-130	50-60	4 ■	1	65.03
UBC 216-6S		200-250	50-60	6 ■	1	65.03
UBC 232-4S		100-130	50-60	4 ■	1	68.33
UBC 232-6S		200-250	50-60	6 ■	1	68.33
UBV 263-6SI		200-250	50-60	6 ■	1	188.53
UBC 316-6S	4 3p + E	380-415	50-60	6 ■	1	66.39
UBC 332-6S		380-415	50-60	6 ■	1	72.91
UBV 363-6SI		380-415	50-60	6 ■	1	196.90
UBC 416-6S	5 3p + N + E	230-400	50-60	6 ■	1	69.93
UBC 432-6S		230-400	50-60	6 ■	1	99.72
UBV 463-6S		230-400	50-60	6 ■	1	197.39

Type	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>125A</b>						
UBV 2125-6S	3 2p + E	200-250	50-60	6 ■	1	945.07
UBV 3125-6S	4 3p + E	380-415	50-60	6 ■	1	963.90
UBV 4125-6S	5 3p + N + E	200-415	50-60	6 ■	1	992.84

Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## INTERLOCKED COMBINATION UNITS WATERTIGHT 16A - 125A IP67

Combination unit with socket outlet in watertight design.  
 Cable connection possible from top and bottom.  
 Can be equipped with components up to a max of 5-8 modules. (100 mm).  
 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.

Components sold separately.



URBBV 363-6S

Type	Poles	Module space for Components	Operating Voltage V	Clock pos. Colour code	Package size	Trade Price
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### 16A

URBBV 216-4S	3	5	100-130	4	1	99.74
URBBV 216-6S	2p + E	5	200-250	6	1	112.74
URBBV 316-6S	4 3p + E	5	380-415	6	1	109.50
URBBV 416-4S	5	5	100-130	4	1	105.44
URBBV 416-6S	3p + N + E	5	200-415	6	1	105.44

### 32A

URBBV 232-4S	3	5	100-130	4	1	149.89
URBBV 232-6S	2p + E	5	200-250	6	1	149.89
URBBV 332-6S	4 3p + E	5	380-415	6	1	155.59
URBBV 432-6S	5 3p + N + E	5	200-415	6	1	160.28

### 63A

URBBV 263-6S	3 2p + E	7	200-250	6	1	232.61
URBBV 363-6S	4 3p + E	7	380-415	6	1	240.98
URBBV 463-6S	5 3p + N + E	7	200-415	6	1	249.38

For Interlocked Combination Units with RCCB fitted see page 61

## COMBINATION UNITS 16A - 32A IP44 complete with RCCB

Type	Poles	Operating Voltage V	Module space for Components	Clock pos. Colour code	Package size	Trade Price
<b>16 Amp IP44</b>						
URBB 216-6SCR	2p+E	200-250	5	6 ■	1	98.22
URBB 316-6SCR	4 3p + E	380-415	5	6 ■	1	119.69
URBB 416-6SCR	3p + N + E	200-415	5	6 ■	1	120.09
<b>32 Amp IP44</b>						
URBB 232-6SCR	2p+E	200-250	5	6 ■	1	105.51
URBB 332-6SCR	4 3p + E	380-415	5	6 ■	1	126.22
URBB 432-6SCR	5 3p+N+E	200-415	5	6 ■	1	126.60



## INTERLOCKED COMBINATION UNITS 16A - 63A IP67 complete with RCCB

Type	Poles	Operating Voltage V	Module space for Components	Clock pos. Colour code	Package size	Trade Price
<b>16A IP67</b>						
URBBV 216-6SCR	2p+E	200-250	5	6 ■	1	146.52
URBBV 316-6SCR	4 3p + E	380-415	5	6 ■	1	163.61
URBBV 416-6SCR	3p + N + E	200-415	5	6 ■	1	159.54
<b>32A IP67</b>						
URBBV 232-6SCR	2p+E	200-250	5	6 ■	1	183.67
URBBV 332-6SCR	4 3p + E	380-415	5	6 ■	1	209.69
URBBV 432-6SCR	5 3p+N+E	200-415	5	6 ■	1	214.39
<b>63A IP67</b>						
URBBV 263-6SCR	3 2p + E	200-250	7	6 ■	1	268.72
URBBV 363-6SCR	4 3p + E	380-415	7	6 ■	1	312.70
URBBV 463-6SCR	5 3p+N+E	200-415	7	6 ■	1	321.10





# GARO ENTERTAINMENT RANGE



When there is a special requirement for top quality and invisibility e.g. at various events in the entertainment arena, there is a need for 'invisible' electricity. Cables, sockets and terminal boxes need to be discreet and not be seen.

GARO has a special range comprising the more commonly used plugs and sockets

Connectors are screw type simple connect as with the GARO Entertainment Range.

Degree of Protection:

- IP44 16 - 32A
- IP67 63 - 125 A

## ENTERTAINMENT RANGE PLUGS & SOCKETS Type 16A & 32A IP44

Connectable cable size:  
 16A: 1-2,5 mm<sup>2</sup>  
 32A: 2,5-6 mm<sup>2</sup>  
 Degree of Protection IP44



S 216-6 S - B



P 316 - 6 S - B

## ENTERTAINMENT RANGE PLUGS & SOCKETS 63A & 125A WATERTIGHT IP67

PLUGS & SOCKETS 63A and 125A  
 Connectable cable size:  
 63A: 6-16 mm<sup>2</sup>  
 125A: 16-50 mm<sup>2</sup>  
 Degree of protection IP67



S 4125 - 6 S+B



P 4125 6 S+B

Warranty \* Mechanical Components MCB, RCD, RCBO 5 Years \*EV Chargers 3 Years \*All Other 2 Years

## ENTERTAINMENT RANGE PLUGS & SOCKETS Type 16A & 32A IP44

PLUGS IP44	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>16 A</b>						
P 216-6 S-B	3- 2p+E	200-250	50-60	6 ■	10	3.67
P 316-6 S-B	4- 3p+E	380-415	50-60	6 ■	10	4.74
P 416-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	10	5.18
<b>32 A</b>						
P 232-6 S-B	3- 2p+E	200-250	50-60	6 ■	10	6.77
P 332-6 S-B	4- 3p+E	380-415	50-60	6 ■	10	7.20
P 432-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	10	7.60

SOCKETS IP44	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>16 A</b>						
S 216-6 S-B	3- 2p+E	200-250	50-60	6 ■	10	5.18
S 316-6 S-B	4- 3p+E	380-415	50-60	6 ■	10	6.56
S 416-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	10	7.78
<b>32 A</b>						
S 232-6 S-B	3- 2p+E	200-250	50-60	6 ■	10	8.89
S 332-6 S-B	4- 3p+E	380-415	50-60	6 ■	10	9.04
S 432-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	10	10.16

## ENTERTAINMENT RANGE PLUGS & SOCKETS 63A & 125A WATERTIGHT IP67

PLUGS IP67	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>63 A</b>						
P 263-6 S-B	3- 2p+E	200-250	50-60	6 ■	2	40.66
P 363-6 S-B	4- 3p+E	380-415	50-60	6 ■	2	41.90
P 463-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	2	47.26
<b>125 A</b>						
P 2125-6 S-B	3- 2p+E	200-250	50-60	6 ■	2	93.70
P 3125-6 S-B	4- 3p+E	380-415	50-60	6 ■	2	98.61
P 4125-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	2	108.49

SOCKETS IP67	Poles	Operating Voltage V	Frequency Hz	Clock pos. Colour code	Package size	Trade Price
<b>63 A</b>						
S 263-6 S-B	3- 2p+E	200-250	50-60	6 ■	2	49.73
S 363-6 S-B	4- 3p+E	380-415	50-60	6 ■	2	51.38
S 463-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	2	56.69
<b>125 A</b>						
S 2125-6 S-B	3- 2p+E	200-250	50-60	6 ■	2	102.71
S 3125-6 S-B	4- 3p+E	380-415	50-60	6 ■	2	108.49
S 4125-6 S-B	5- 3p+N+P	200-415	50-60	6 ■	2	119.15





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