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GROUP

GENERAL
CATALOGUE

V25

The Electricians' Choice



BEST IN CLASS SINCE 1946



GENERAL CATALOGUE

V25



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Trusted by Sparkies Since 1946.



● End-to-end electrical distribution, EV charging, LED lighting, and industrial solutions.

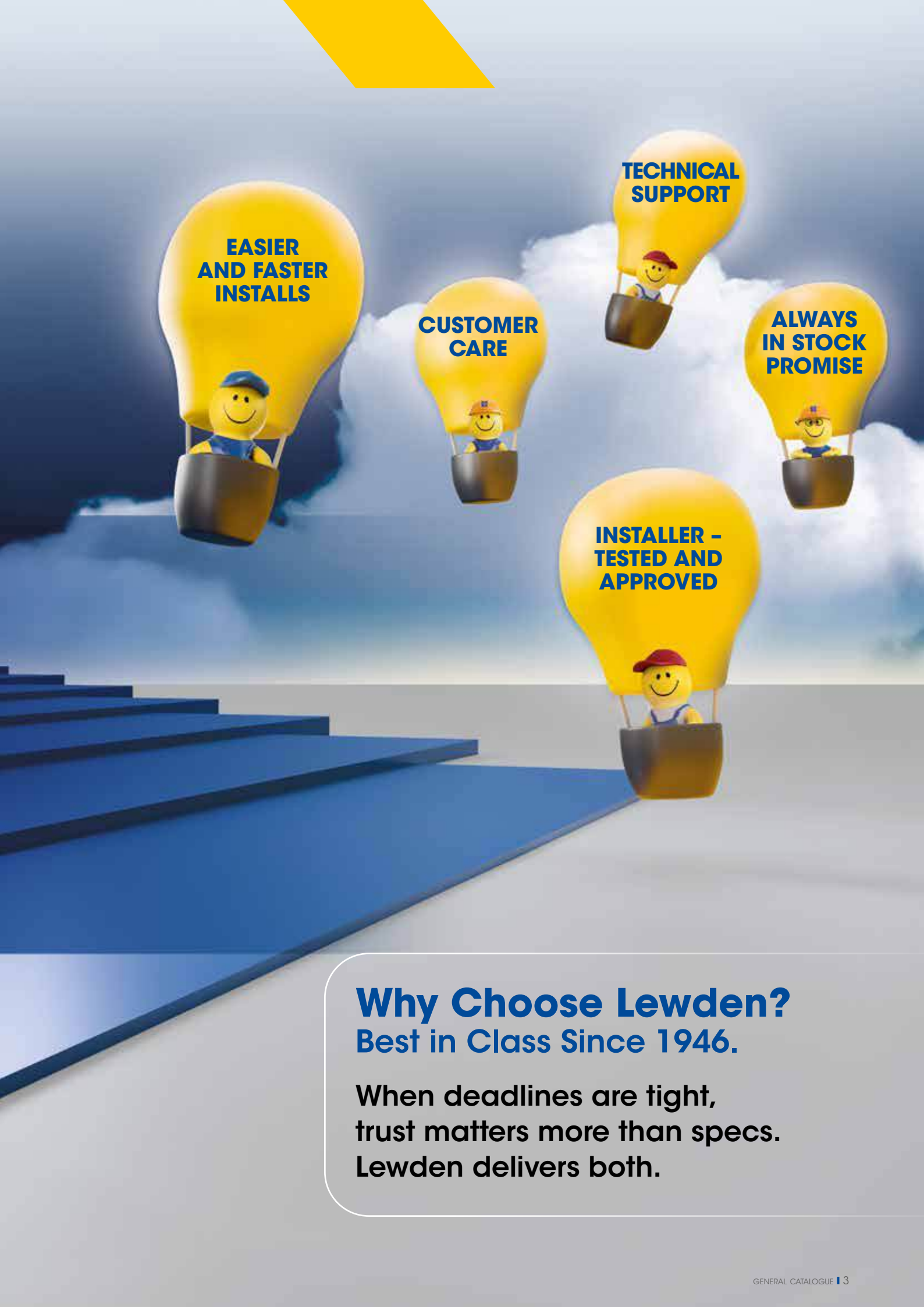
● Partnered with Palazzoli: 120+ years of Italian excellence.

● UK's first IEC60309 plastic-moulded plugs, connectors & switches.

● Born as Lewden Metal Products, mastering die-cast and machined parts.

Powering the Trade for Generations. You've seen us on site, in the van, on the shelf.

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LEWDEN SALES MAP

LEWDEN CUSTOMER CARE TEAM



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just stock Lewden
you get a team
behind your
counter.**



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Lewden Academy.

For Sparkies, apprentices & educators
keeping you sharp on regs, product tech,
and site-ready skills.



Lewden Academy





CPD
Accredited
courses.

Real-world
training.



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Single phase

17

PRO CONSUMER UNITS
AND CIRCUIT PROTECTION



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The Electricians' Choice



1

Single Phase

PRO CONSUMER UNITS AND CIRCUIT PROTECTION



Stylish Design



> Rectangular or Circular knockout models.



Decode your consumer unit part numbers at a glance

We've updated our part numbers to make product selection faster and clearer for installers and wholesalers. Each code now gives you key product details at a glance – here's how to break it down:

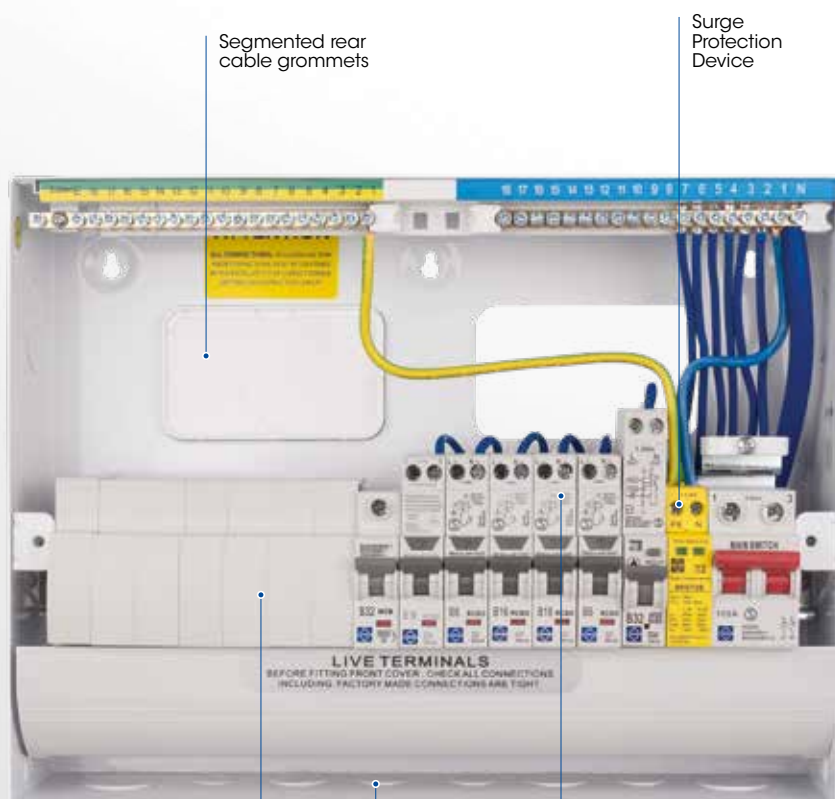
PRO-R07W-R1S

Range Name (constant) Enclosure Style Internal Arrangement

R = Round Knockout / S = Square Knockout
07 = Number of useable ways
W = White / B = Black Finish

R = RCBO
D = Dual RCCB
T = Dual Tariff
C = RCD Incomer
S = SPD Fitted

1 = for contingency in case we develop further models of similar arrangement to each other.



Segmented rear cable grommets

Surge Protection Device

Multi-Function DIN Rail Blank

Rectangular or circular knockouts

Compact Type A RCBOs with switched neutral

> “ BECAUSE EVERY JOB DESERVES A CLEAN FINISH...

I like a board that gives me room to work, goes in quick, and looks sharp when it's done. With loads of outgoing ways ranging from 3 to 40, pre-wired options, and a smart finish that won't let you down - Lewden's got it sorted. Built for the job, trusted on site - it's kit that sparkies can rely on.

> “ PROTECTION YOU CAN COUNT ON, WHEREVER YOU'RE WORKING...

Whether it's a home install or a heavy-duty fit-out, I need circuit protection I can trust to perform every time. Lewden's range covers the lot - with current ratings that suit every setup, compact modular gear that slots in neat, and quality stamped by Intertek's S Mark for peace of mind. It meets the regs, fits tidy, and makes future swaps a breeze. When you're wiring up to spec, this is the gear that's got your back.

> Available in White and Matt black color options

(RCBO Consumer Units only).



▲ Circuit protection options



> Main Switch

- Double pole Switch Configuration with terminal capacity of 35mm².



> RCCB Options

- Available in Class A or B.



> Miniature Circuit breakers

- Fully interchangeable with switched and unswitched neutral RCBOs.
- Available in B and C trip curve options.



> RCBO Options

- Ratings from 6A to 50A
- Available in B and C trip curve options.
- Switched and Unswitched neutral pole options.
- Unidirectional or bi-directional options.

> AFDD-RCBO

- Ratings from 6A to 40A, incorporated in single module width protecting against:
 - Arc faults
 - Over current
 - Over voltages
 - Residual current

> Surge Protection Devices

- Compact design for Consumer Units.
- Range available individually or in comprehensive kit.
- Suitable for TN & TT networks.



The Electricians' Choice

PRO RCBO Based Solution

A comprehensive consumer unit range comprising a 100A DP main switch with overload and residual current protection provided on each individual final circuit by RCBOs. Distributing final circuits across individual RCBOs provides the best approach to fully meeting the requirements of BS7671.

- Available with the option of rectangular or circular knockouts across all enclosure sizes.
- Supplied with 100A rated Mains Switch and distribution bus bar.
- Designed for use with Lewden RCBO, MCBs and AFDD RCBOs.
- All models are pre-installed with Lewden's new SRGT2B Surge Protection Device.
- Mains Tail Clamp Pre-fitted
- 1x Rear grommet and 1x MFDRB included in accessories bag
- All consumer units are for indoor installation.
- Part numbers are structured on the number of useable ways.

RCBO Consumer units with surge protection

- Equipped with 100A DP Main Switch and Type 2 Surge Protection as standard
- Arranged with 1 x Neutral & 1 x Earth bar



Technical Details



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-S06W-R1S	6	9
	PRO-S08W-R1S	8	11
	PRO-S10W-R1S	10	13
	PRO-S14W-R1S	14	17
	PRO-S19W-R1S	19	22
	PRO-R06W-R1S	6	9
	PRO-R08W-R1S	8	11
	PRO-R10W-R1S	10	13
	PRO-R14W-R1S	14	17
	PRO-R19W-R1S	19	22

For Dimensional Drawings see Page 120
For Accessories see Page 31

RCBO Consumer Units with Surge Protection - Matte Black

- A selection of round cable entry knockouts on top and bottom faces.
- Retained front cover screws help to prevent loss during installation.



Technical Details



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-R10B-R1S	10	13
	PRO-R19B-R1S	19	22

For Dimensional Drawings see Page 120
For Accessories see Page 31

▲ Dual row consumer unit

- Equipped with 100A DP main switch and type 2 surge protection as standard.
- Designed for use with Lewden RCBOs and AFDD RCBOs.
- Supplied with comb busbars and all interconnecting cables.
- A selection of round cable entry knockouts on top and bottom faces.
- Large rectangular rear knockouts in four positions are designed for use with Lewden cable grommets.



Technical Details



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-R22W-R1S	22	26
	PRO-R30W-R1S	30	34
	PRO-R40W-R1S	40	44

For Dimensional Drawings see Page 121
For Accessories see Page 31

▲ RCBO Consumer units without surge protection



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-R03W-R1	3	5
	PRO-R07W-R1	7	9
	PRO-R09W-R1	9	11
	PRO-R11W-R1	11	13
	PRO-R15W-R1	15	17
	PRO-R20W-R1	20	22
	PRO-S07W-R1	7	9
	PRO-S09W-R1	9	11
	PRO-S11W-R1	11	13
	PRO-S15W-R1	15	17
	PRO-S20W-R1	20	22

▲ Dual RCCB Based Solutions



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-MPP06RS	6	13
	PRO-MPP10RS	10	17
	PRO-MPP15RS	15	22

Comes pre-populated with 2x 100A 30mA Type A RCCBs.
For Dimensional Drawings see Page 120
For Accessories see Page 31

▲ Semi-populated dual RCCB

- Configured with 100A DP Main Switch 2 x 100A 30mA Class A Bi-Directional RCCBs.
- Includes all interconnecting cables



Technical Details



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-S07W-D1	7	13
	PRO-S11W-D1	11	17
	PRO-S16W-D1	16	22
	PRO-R07W-D1	7	13
	PRO-R11W-D1	11	17
	PRO-R16W-D1	16	22

The total usable ways will be affected by the use of the high integrity ways.
For Dimensional Drawings see Page 120 - For Accessories see Page 31

Split Load Consumer Units

- This consumer unit provides flexibility of a large number of high integrity ways (allowing AFDD RCBOs) combined with x1 RCD protected group of circuits for the best cost effective solution.



Technical Details



Knockout Arrangement	Part Number	Total Useable Ways	RCD Ways	High Integrity Ways	Module Width
	PRO-S12W-H1S	12	Upto 8	Upto 7	17
	PRO-S17W-H1S	17	Upto 10	Upto 10	22
	PRO-R12W-H1S	12	Upto 8	Upto 7	17
	PRO-R17W-H1S	17	Upto 10	Upto 10	22

For Dimensional Drawings see Page 120
For Accessories see Page 31

Dual tariff

- Configured with 2x 100A Main Switches and 2 distribution bus bars
- 2x Neutral bars & 1 x Earth bar
- Compatible with 6kA single pole MCBs and Switched or un-switched neutral RCBOs and AFDD RCBOs



Technical Details



Knockout Arrangement	Part Number*	Useable Ways	Enclosure Size (Modules)
	PRO-S13W-T1	13	17
	PRO-S18W-T1	18	22
	PRO-R13W-T1	13	17
	PRO-R18W-T1	18	22

13 way units, maximum number of circuits per main switch is 9.
18 way units, maximum number of circuits per main switch is 12.
For Dimensional Drawings see Page 120
For Accessories see Page 31

RCCB incomer

- Configured with 30mA RCCB incomer
- Arranged with 1 x Neutral & 1 x Earth bar



Technical Details



Knockout Arrangement	Part Number	RCD Rating 30mA Type A	Useable Ways	Module Width
	PRO-S07W-C1	63A	7	9
	PRO-S09W-C1	80A	9	11
	PRO-S11W-C1	80A	11	13
	PRO-R03W-C1	63A	3	5
	PRO-R07W-C1	63A	7	9
	PRO-R09W-C1	80A	9	11
	PRO-R11W-C1	80A	11	13

For Dimensional Drawings see Page 120
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Garage distribution

- Sub distribution consumer unit range comprising of Main Switch or Bi-Directional RCCB incomer.
- Complete with two MCBs



Technical Details



Knockout Arrangement	Part Number	Enclosure Total (Modules)	100A DP Main Switch	RCCB 63A 30mA Type A	MCBs B Trip Curve	
	PRO-RGARAGE-MS	5	1	-	1	1
	PRO-RGARAGE-63	5	-	1	1	1

For Dimensional Drawings see Page 120
For Accessories see Page 31

▲ PRO empty modular enclosures

- Supplied complete with single phase distribution busbar and neutral cable to allow for distribution set up via a DP main switch (GMS1002P main switch not included)
- 1 Neutral and 1 Earth bar



Technical Details



Knockout Arrangement	Part Number	Enclosure Size (Modules)
□	PRO-MC09ENC	9
	PRO-MC11ENC	11
	PRO-MC13ENC	13
	PRO-MC17ENC	17
	PRO-MC22ENC	22
○	PRO-R05ENC	5
	PRO-R09ENC	9
	PRO-R11ENC	11
	PRO-R13ENC	13
	PRO-R17ENC	17
	PRO-R22ENC	22

For Dimensional Drawings see Page 120
For Accessories see Page 31

▲ Component enclosure

- Ideal for housing singular devices such as main switches, SPD's and RCCB's.
- Fully open sided access and a centrally positioned DIN Rail, providing optimum mounting.
- For applications where additional wiring room and installation access are advantageous.
- A 3-way earth bar suitable for conductors up to 25 mm² is also provided.



Technical Details



Knockout Arrangement	Part Number	Enclosure Size (Modules)
○	5MODMC	5

For Dimensional Drawings see Page 121
For Accessories see Page 31



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Build your board in minutes.

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- Simple drag-and-drop layout interface - choose from entire compatible range of 6kA Circuit protection.
- Device & accessory compatibility built-in.
- Instant parts list with order codes* Print, save, or send to your wholesaler.



Scan the QR code
to build your board
your way

6kA circuit protection

▲ RCBOs 30mA un-switched neutral

- Single Pole switching
- Device height 96mm
- Suitable for TN Earthing systems
- Single pole RCBOs are suitable for use in TT network systems when used in conjunction with a DP main switch as the point of safe isolation
- 6kA short circuit capacity



Technical Details



Rated Current	Type A	
	B Trip Curve	C Trip Curve
6A	RCBO-B06/30/SPA	RCBO-C06/30/SPA
10A	RCBO-B10/30/SPA	RCBO-C10/30/SPA
16A	RCBO-B16/30/SPA	RCBO-C16/30/SPA
20A	RCBO-B20/30/SPA	RCBO-C20/30/SPA
25A	RCBO-B25/30/SPA	RCBO-C25/30/SPA
32A	RCBO-B32/30/SPA	RCBO-C32/30/SPA
40A	RCBO-B40/30/SPA	RCBO-C40/30/SPA
50A	RCBO-B50/30/SPA	RCBO-C50/30/SPA

Protection	Breaking Capacity	RCD Type	Tripping Threshold	Earthing Systems	Polarity	Reference Standard(s)	Modular Width
Overcurrent + Residual Current	6kA	A	30mA	TN/TT	Uni-Directional	BS EN 61009-1	1

▲ Compact RCBOs 30mA Switched Neutral - Uni-Directional

- Double pole switching for complete isolation in the event of a fault.
- A switched neutral pole significantly reduces the installation and commissioning test time.
- Compact 96mm height increases the available wiring space within the consumer unit.
- Suitable for TN & TT earthing systems.
- Particularly suited to installations where double pole isolation of individual circuits may be required; e.g. Distribution circuits on TT earthing systems, Electric vehicle charging circuits etc.
- 6kA short circuit capacity.



Technical Details



Rated Current	Type A	
	B Trip Curve	C Trip Curve
6A	RCBO-B06/30/1PNA	RCBO-C06/30/1PNA
10A	RCBO-B10/30/1PNA	RCBO-C10/30/1PNA
16A	RCBO-B16/30/1PNA	RCBO-C16/30/1PNA
20A	RCBO-B20/30/1PNA	RCBO-C20/30/1PNA
25A	RCBO-B25/30/1PNA	RCBO-C25/30/1PNA
32A	RCBO-B32/30/1PNA	RCBO-C32/30/1PNA
40A	RCBO-B40/30/1PNA	RCBO-C40/30/1PNA

Protection	Breaking Capacity	RCD Type	Tripping Threshold	Earthing Systems	Polarity	Reference Standard(s)	Modular Width
Overcurrent + Residual Current	6kA	A	30mA	TN/TT	Uni-Directional	BS EN 61009-1	1

▲ Bi-Directional RCBOs - 30mA Switched Neutral

- Double pole switching for complete isolation in the event of a fault.
- A switched neutral pole significantly reduces the installation and commissioning test time.
- Compact 96mm height increases the available wiring space within the consumer unit.
- Particularly suited to installations where double pole isolation of individual circuits may be required.
- Distribution circuits on TT earthing systems, Electric vehicle charging circuits, etc.
- Suitable for bi-directional power flow in micro generation systems and EV chargers with V2G capability.



Technical Details

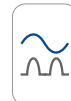


Rated Current	B Trip Curve
6A	RCBO-B06/30/1PNAB
10A	RCBO-B10/30/1PNAB
16A	RCBO-B16/30/1PNAB
20A	RCBO-B20/30/1PNAB
25A	RCBO-B25/30/1PNAB
32A	RCBO-B32/30/1PNAB
40A	RCBO-B40/30/1PNAB

Protection	Breaking Capacity	RCD Type	Tripping Threshold	Earthing Systems	Polarity	Reference Standard(s)	Modular Width
Overcurrent + Residual Current	6kA	A	30mA	TN/TT	Bi-Directional	BS EN 61009-1	1

▲ AFDD RCBOs - Uni-Directional

- Combined AFDD & RCBO providing Arc Fault protection alongside over-current, residual current and over voltage protection
- Class A 30mA RCD
- B Trip Curve, 6kA short circuit capacity
- Suitable for TN and TT Earthing systems
- Single module 18mm width, fully interchangeable with switched and unswitched neutral RCBOs and single pole MCBs.
- Switched neutral pole



Technical Details



Rated Current	B Trip Curve
6A	P04-B06/30/1PNA
10A	P04-B10/30/1PNA
16A	P04-B16/30/1PNA
20A	P04-B20/30/1PNA
32A	P04-B32/30/1PNA
40A	P04-B40/30/1PNA

Protection	Breaking Capacity	RCD Type	Tripping Threshold	Earthing Systems	Polarity	Reference Standard(s)	Modular Width
Overcurrent + Residual Current + Arcing Fault + Over Voltage	6kA	A	30mA	TN/TT	Uni-Directional	BS EN 61009-1 BS EN 62606	1

Scan to access the CPD course on SPDs from our Lewden Academy



▲ Miniature circuit breakers

- 6kA Short circuit breaking capacity.
- B or C curve overcurrent trip options
- Ratings from 6A to 63A
- Fully interchangeable with switched and unswitched neutral RCBO options



Technical Details



Rated Current	B Trip Curve				C Trip Curve			
	1 pole	2 poles	3 poles	4 poles	1 pole	2 poles	3 poles	4 poles
6A	G06-1B06	G06-2B06	G06-3B06	G06-4B06	G06-1C06	G06-2C06	G06-3C06	G06-4C06
10A	G06-1B10	G06-2B10	G06-3B10	G06-4B10	G06-1C10	G06-2C10	G06-3C10	G06-4C10
16A	G06-1B16	G06-2B16	G06-3B16	G06-4B16	G06-1C16	G06-2C16	G06-3C16	G06-4C16
20A	G06-1B20	G06-2B20	G06-3B20	G06-4B20	G06-1C20	G06-2C20	G06-3C20	G06-4C20
25A	G06-1B25	G06-2B25	G06-3B25	G06-4B25	G06-1C25	G06-2C25	G06-3C25	G06-4C25
32A	G06-1B32	G06-2B32	G06-3B32	G06-4B32	G06-1C32	G06-2C32	G06-3C32	G06-4C32
40A	G06-1B40	G06-2B40	G06-3B40	G06-4B40	G06-1C40	G06-2C40	G06-3C40	G06-4C40
50A	G06-1B50	G06-2B50	G06-3B50	G06-4B50	G06-1C50	G06-2C50	G06-3C50	G06-4C50
63A	G06-1B63	G06-2B63	G06-3B63	G06-4B63	G06-1C63	G06-2C63	G06-3C63	G06-4C63

Note: if using 6kA circuit breakers on a Three Phase board, a mounting kit will be required (See page 41).
4 pole MCBs cannot be used directly onto the TPN Busbar.

Protection	Breaking Capacity	Polarity	Reference Standard(s)	Modular Width
Overcurrent	6kA	Bi-Directional	BS EN 60898-1	1

▲ RCCB Class A - 2 pole / 4 pole

- Suitable for use on pure AC and where pulsating DC exists up to 6mA
- Type A devices are also suitable for AC applications
- 6kA Short circuit withstand



Technical Details



2 Pole

RCD Type	Earthing Systems	Polarity	Reference Standard(s)
A	TN/TT	Bi-directional	BS EN61008-1

Part Number	Rated Current	Tripping Threshold	Total Modules
25/30/2A	25A	30mA	2
40/30/2A	40A	30mA	2
63/30/2A	63A	30mA	2
80/30/2A	80A	30mA	2
100/30/2A	100A	30mA	2
100/100/2SA *	100A Selective (S Type)	100mA Time delayed	2

*Where a metal consumer unit is installed in a TT system, the main switch can be replaced by a 100A 100mA - S type (time delayed) RCCB.

Part Number	Rated Current	Tripping Threshold	Modular Width
25/30/4A	25A	30mA	4
40/30/4A	40A	30mA	4
63/30/4A	63A	30mA	4
80/30/4A	80A	100mA Time delayed	4

4 Pole

RCD Type	Modules	Tripping Threshold	Earthing Systems	Polarity	Reference Standard(s)
A	4	30mA	TN/TT	Bi-directional	BS EN61008-1

▲ RCCB class B

- 2 pole, 4 module for 230V applications
- 4 pole, 4 module for 400V applications
- Suitable for use on pure AC, pulsating DC, smooth DC & high frequency 10Hz<1kHz
- Type B devices are also suitable for type AC, A & F applications



Technical Details



Part Number	Rated Current	Poles	Tripping Threshold	Modular Width
63/30/2B	63A	2P	30mA	4
63/30/4B	63A	4P	30mA	4

▲ Main switch

- 100A DP 2 module width
- Terminal capacity 35mm²
- Bi-Directional



Technical Details



Part Number	Rated Current	Rated Voltage	Switch Configuration	Switching Category
GMS1002P	100A	230/400VAC 50/60Hz	Double Pole	AC22A

Surge protection devices

▲ Single phase SPDs

- Suitable for use in TN-C-S (PME) / TNS / TT network systems
- SRG1V1G features a volt free signaling changeover contact & twin earth terminals
- SRGT2B - Compact design for consumer units fits directly to comb busbar.
- IEC61643-11



Technical Details



Part Number	Type	Voltage Protection Level (Up) L/N	Nominal discharge current (In/Imax) 8/20 µs	Triggering Voltage	Lightning impulse current (I imp / I total) 10/350 µs	Config.	Modular Width
SRGT2B	Type 2	<1.5kV	20/40kA	275 VAC	-	1+1 (Connection Type CT2)	1
SRG1V1G*	Type 2	1.25kV	20/40kA	275 VAC	-		2
SRG1123*	Type 1 & 2	1.3kV	20/50kA	280 VAC	12.5/25kA		2

* Can be installed in 5MODMC enclosure

Scan to access the CPD course on SPDs from our Lewden Academy



▲ Surge protection kit

- The kit comprises Type 2 SPD and 6 mm² connection cables.
- Suitable for use in TN-C-S (PME) / TN-S and TT networks.



Technical Details



Part Number	Description
SRGT2B-KIT	SRGT2B + Cable set for Lewden Consumer Units

Scan to access the CPD course on SPDs from our Lewden Academy



Time Clocks (switches)

▲ 24 Hour Mechanical Time Clock

- DIN Rail mountable
- Settable in 15 minute segments.
- 16A 250V AC normally open output contact.
- 72 hour battery back up with a replaceable battery



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
TC1M	16A	230V	1

▲ Digital 7 Day Timer

- DIN Rail mountable.
- Digital Time Clock.
- Single Channel 24hr 7 day programmable.
- 8 ON and 8 OFF programs.
- Volt free changeover contact 16A 250VAC



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
DTC	16A	230V	2

▲ Delay Timer

- Allows communal lighting to be switched on via multiple switches and automatically switched off after a predefined time delay.
- Designed for lighting circuits.
- Can be used with an infinite number of input switches.
- Adjustable delay period from 30 seconds to 20 minutes.
- Manual override switch.
- DIN rail mountable



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
TCS	16A	230V	1

▲ Installation Contactors 230V

- N/O poles.
- 230V AC contactor for domestic applications & DIN rail mounting.
- Suitable for housing within a consumer unit or modular enclosure.
- 230V AC contactor for household and similar purposes.
- IEC61095.
- Utilization Category AC 7A and AC 7B.



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Device Modules
IC20	20A	230V	1
IC40/2	40A	230V	2
IC24/4	24A	230/400V	2
IC63/4	63A	230/400V	3

▲ Bell Transformers - 8VA

- Rated voltage (primary) 230V/50Hz.
- Rated output current 1A/8V, 0.67A/12V and 0.33A/24V.
- Maximum cable capacity 4mm.
- Multiple voltage output options 4, 8, 12, 16, 24V.
- DIN Rail mounting.



Technical Details



Part Number	Rated Operating Voltage	For Cables Ø
BT	230V	< 4 mm ²

Output		Terminals
4V	2A	2-3
8V	1A	1-2
12V	0.66A	1-3
16V	0.5A	2-4
24V	0.33A	1-4

▲ Distribution Terminal Blocks

- 5 Way Single Pole Distribution Terminal Blocks - 100A <690VAC
- Can accept up to 5 conductors with a generous cable capacity from 2.5 to 35mm².
- Dual screw terminations to ensure secure and reliable connections.
- Ingress Protection IP20; 960°C glow wire tested
- Secure cover with wire locking capability.
- Colour coded for easy identification.
- Sold in a box quantity of 5 per color



Technical Details

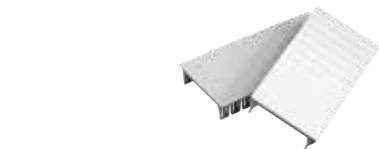


Part Number	Colours	Dimensions H x W x D (mm)
DT1005BR	Brown (L1)	68 x 50 x 43.5
DT1005BK	Black (L2)	68 x 50 x 43.5
DT1005GY	Grey (L3)	68 x 50 x 43.5
DT1005BL	Blue (N)	68 x 50 x 43.5
DT1005GN	Green (Earth)	68 x 50 x 43.5
DT1005PK	Pink (Functional Earth)	68 x 50 x 43.5

Consumer units accessories



Technical Details

	<table><tr><th colspan="2">Pierceable cable grommets for all PRO consumer units with rectangular knockouts</th></tr><tr><th>Small</th><th>Large</th></tr><tr><td>CUGR-4025</td><td>CUGR-5050</td></tr><tr><td>40mm x 25mm (Pack of 10)</td><td>50mm x 50mm (Pack of 10)</td></tr></table>	Pierceable cable grommets for all PRO consumer units with rectangular knockouts		Small	Large	CUGR-4025	CUGR-5050	40mm x 25mm (Pack of 10)	50mm x 50mm (Pack of 10)		
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CUGR-4025	CUGR-5050										
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	<table><tr><th colspan="2">Segmented cable grommets for rear knockouts on all PRO Consumer units</th></tr><tr><th>CUGR-LR</th><th>CUGR-SR</th></tr><tr><td>100 x 60mm (Pack of 3)</td><td>60 x 60mm (Pack of 4)</td></tr></table>	Segmented cable grommets for rear knockouts on all PRO Consumer units		CUGR-LR	CUGR-SR	100 x 60mm (Pack of 3)	60 x 60mm (Pack of 4)				
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	<table><tr><th>Mains Tail Clamp</th></tr><tr><td>MTC</td></tr><tr><td>1 in each pack</td></tr></table>	Mains Tail Clamp	MTC	1 in each pack							
Mains Tail Clamp											
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	<table><tr><th>Multi-Function DIN rail blank</th></tr><tr><td>MFDRB</td></tr><tr><td>1 in each pack</td></tr></table>	Multi-Function DIN rail blank	MFDRB	1 in each pack							
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MFDRB											
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	<table><tr><th>Padlock for MCBs, RCCBs and RCBOs</th></tr><tr><td>MCBLOCK</td></tr><tr><td>3 keys, Yellow Hazard Indicator</td></tr></table>	Padlock for MCBs, RCCBs and RCBOs	MCBLOCK	3 keys, Yellow Hazard Indicator							
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	<table><tr><th>Blanking strip</th></tr><tr><td>CU-BL</td></tr><tr><td>2 Blanking strips of 6 ways in each pack</td></tr></table>	Blanking strip	CU-BL	2 Blanking strips of 6 ways in each pack							
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CU-BL											
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	<table><tr><th>Padlock attachment for drop down cover</th></tr><tr><td>PRO-LA</td></tr></table>	Padlock attachment for drop down cover	PRO-LA								
Padlock attachment for drop down cover											
PRO-LA											
	<table><tr><th colspan="2">Surface Patress</th></tr><tr><td colspan="2">Wall mounting frame that spaces the consumer unit off the wall by 30mm, allowing surface mounted cables to enter the consumer unit from the rear. Enables neater wiring inside the consumer unit Finished in white</td></tr><tr><td>PRO-SP13W</td><td>13 Modules</td></tr><tr><td>PRO-SP17W</td><td>17 Modules</td></tr><tr><td>PRO-SP22W</td><td>22 Modules</td></tr></table>	Surface Patress		Wall mounting frame that spaces the consumer unit off the wall by 30mm, allowing surface mounted cables to enter the consumer unit from the rear. Enables neater wiring inside the consumer unit Finished in white		PRO-SP13W	13 Modules	PRO-SP17W	17 Modules	PRO-SP22W	22 Modules
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PRO-SP13W	13 Modules										
PRO-SP17W	17 Modules										
PRO-SP22W	22 Modules										

- Small, large and rear cable grommets are not applicable to 5MODMC.
- MTC not applicable to 5MODMC.



The Electricians' Choice





2

Three Phase Distribution Boards (Type B)



The Electricians' Choice

TP&N

DISTRIBUTION BOARDS FOR COMMERCIAL AND INDUSTRIAL INSTALLATIONS

Safety meets Efficiency with 10kA Distribution boards and Circuit Protection.

Experience the pinnacle of Power Control and unmatched Circuit Protection with Lewden 10kA Distribution Boards for High-Demand Commercial & Industrial Applications. Lewden innovates for Reliability – delivering Custom Solutions in Power Distribution & Safety and more. To meet the demands of modern Industry with 10kA Strength, Lewden has engineered a full 360 range for 3 phase power distribution – making it the Electrician's Choice.



A comprehensive distribution board range for modern commercial & industrial installations.



TP&N
DISTRIBUTION
BOARDS



INCOMERS



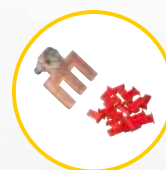
SURGE
PROTECTION



CIRCUIT
PROTECTION
10kA



CIRCUIT
PROTECTION
6kA



ACCESSORIES



SPARKY
SAYS!

> “BUILT FOR BIGGER JOBS - AND BUILT TO LAST...

I like a board that gives me room to work, goes in quick, and looks sharp when it's done. With loads of outgoing ways ranging from 3 to 40, pre-wired options, and a smart finish that won't let you down - Lewden's got it sorted. Built for the job, trusted on site - it's kit that sparkies can rely on.



▲ Circuit protection options



> Main Switch

- Four pole Switch Configuration with terminal capacity of 50mm²
- Can be classified as Incomer



> RCCB Options

- Available in Standard (Type A) and time delayed (Type A[s]) options.
- Suitable for pure AC and pulsating DC fault protection



> 10kA Miniature Circuit Breakers

- Available in B, C, and D trip curve options
- Ratings from 6A to 63A



> 10kA RCBO Options

- Suitable for different TN and TT network systems
- Ratings from 6A to 45A
- Available in B and C trip curve options



> Surge Protection Devices

- Available in Type 1, 2 and Type 2
- Offered for 230V and 400V applications
- Suitable for various TT and TN-C-S(PME) / TN-S networks

Attractive and ergonomic profile designed for commercial premises



- Optimal space for simple and safe wiring.
- Earth and neutral termination on both the left and right hand side of board for clear identification of load circuit connections.



- Supplied with lock and key for security
- Suitable for use with 6kA* or 10kA MCB's & RCBO's (*when used in conjunction with the relevant accessories)

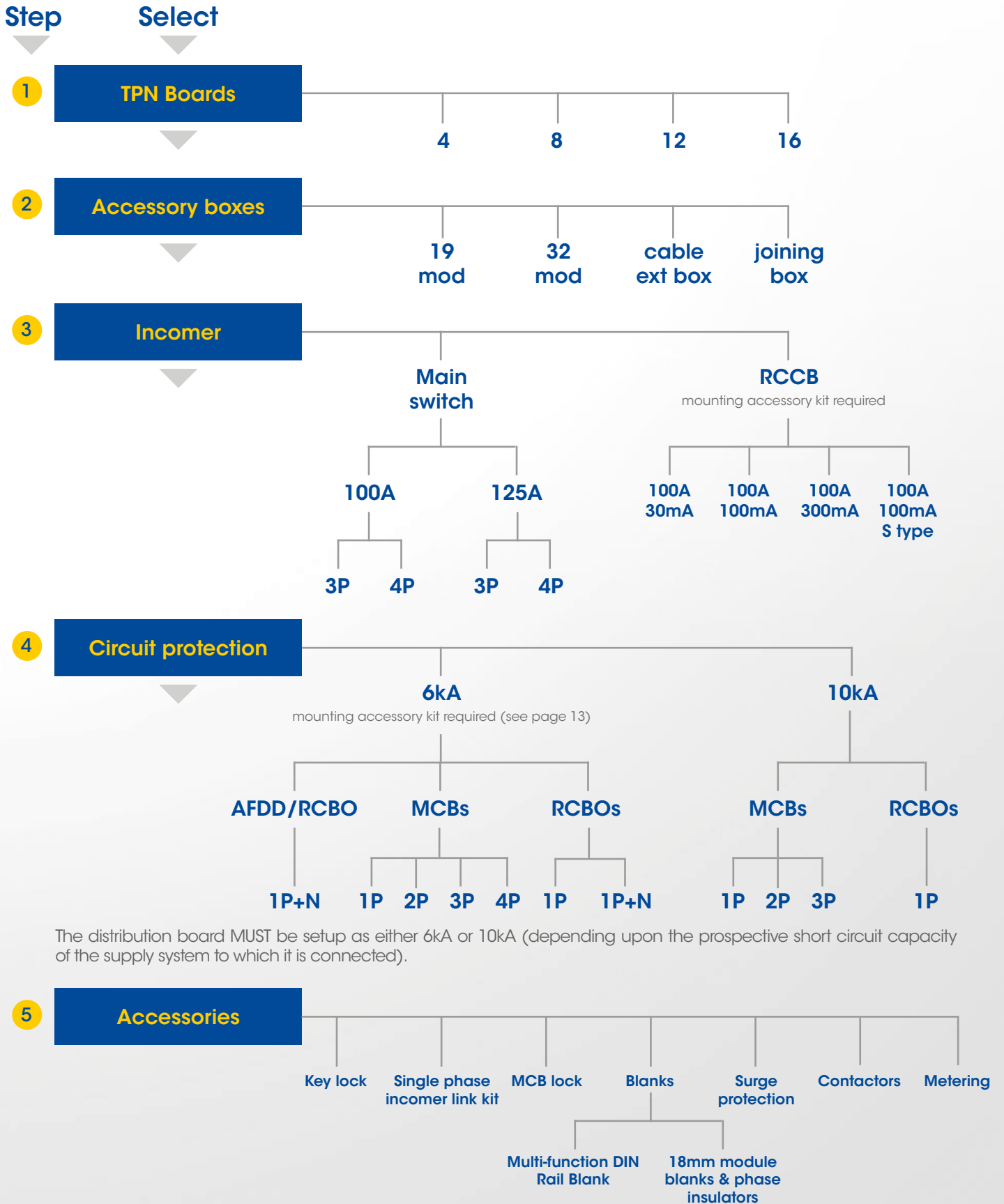


- Detachable undrilled gland plates (top and bottom)

Main features

- Heavy gauge (1.2mm) robust & modular steel construction, suitable for wall mounting
- Allows compliance with BS7671:2008 - 2018+A2:2022 + Amendment 3:2015
- Optimal cabling space
- Rigid construction prevents distortion
- Lockable hinged access door for safety and security
- Removable top and bottom gland plates
- Powder coated texture finish to RAL 9003 white

Build a functional design to suit your installation



▲ 125A TP&N Type B Distribution Board



Technical Details



Part Number	Rating	Outgoing Ways
E-TPN04LW	125A, 230 / 400V AC	4 x TP/ 12 x SP
E-TPN08LW	125A, 230 / 400V AC	8 x TP/ 24 x SP
E-TPN12LW	125A, 230 / 400V AC	12 x TP/ 36 x SP
E-TPN16LW	125A, 230 / 400V AC	16 x TP/ 48 x SP

Supplied with 125A 4 pole main switch, type 2 SPD and associated MCB. The inclusion of SPD does not reduce the number of outgoing ways. Select Circuit Protection Devices from Pages 40-42. For Dimensional Drawings see Page 122. For Accessories see Page 43.

▲ 125A TP&N Type B Distribution Board with Type 2 SPD



Technical Details



Part Number	Rating	Outgoing Ways
E-TPN04LW-SPD2	125A, 230 / 400V AC	4 x TP/ 12 x SP
E-TPN08LW-SPD2	125A, 230 / 400V AC	8 x TP/ 24 x SP
E-TPN12LW-SPD2	125A, 230 / 400V AC	12 x TP/ 36 x SP
E-TPN16LW-SPD2	125A, 230 / 400V AC	16 x TP/ 48 x SP

Supplied with 125A 4 pole main switch, type 2 SPD and associated MCB. The inclusion of SPD does not reduce the number of outgoing ways. Select Circuit Protection Devices from Pages 40-42. For Dimensional Drawings see Page 122. For Accessories see Page 43.

Rated Operational Voltage U _e	IP Rating	Rated Conditional Short Circuit Current I _{CC}	Standards
230V/400V 50Hz	IP2XC	16kA RMS (backed up by a 125A fuse)	BS EN 61439-3

Extension Boxes

Can be fitted top or bottom



Technical Details



Part Number	Description
TPN-EXT19	19 Module Extension Box with key lockable door and DIN Rail



Part Number	Description
TPN-EXTCB	Cable Extension Box with screw on cover and internal equipment mounting plate



Part Number	Description
QFS-MC32ENC	32 Module Extension Box (to be used in conjunction with TPN-JB125)



Part Number	Description
TPN-JB125	Required for connection of TPN Distribution board to QFSMC32ENC extension box

For Dimensional Drawings see Page 122.

For fitting to bottom of TP&N Boards only

MID approved Multi-function meter



Technical Details

Part Number	Description
TPN-MKSI	Multi-function Metering Panel. Can be mounted at the top or bottom of TPN distribution board

Easy to read backlit LCD screen • Suitable for single or 3 phase four wire networks
• Built in pulsed output and RS485 modbus communication • 3ph 140-460VAC / 1ph 80-265V measured voltage • CT ratio 160A / 330mV with RJ45 connection cable
• Wide range of measured parameters: - Voltage L-N L-L - Current per phase - Power factor - Frequency - Active and reactive power - Max demand.

Surge protection enclosures

For fitting to bottom of TPN Boards only



Technical Details

Part Number	Description
TPN-SPD1PT1	Extension Box fitted with Single Phase Type 1 & 2 SPD (SRG1123)



Part Number	Description
TPN-SPD1PT2	Extension Box fitted with Single Phase Type 2 SPD (SRG1V1G)



Part Number	Description
TPN-SPD3PT1	Extension Box fitted with Three Phase Type 1 & 2 SPD (SRG3123)



Part Number	Description
TPN-SPD3PT2	Extension Box fitted with Three Phase Type 2 SPD (SRG3V1G)

TPN-EXT19 Extension Box fitted with 50mm² Loop-in/Loop-out Terminals - Surge Protection/Isolation device (in the form of Fuses for Type 1 SPD's and MCB's for Type 2 SPD's), negating the need to use outgoing ways on associated TPN Board - For mounting at the bottom of TPN distribution boards - Supplied prewired with all necessary cabling.

Unpopulated TPN mounted in IP66 heavy duty GRP enclosure

IP66 GRP Enclosed, 125A 400VAC TPN Distribution Board



Technical Details



Part Number	Size (H x W x D) mm
E-TPN04GRP	655 x 560 x 260
E-TPN08GRP	655 x 560 x 260
E-TPN12GRP	655 x 560 x 260
E-TPN16GRP	810 x 630 x 300

Incomers

▲ Main switch



Technical Details



Part Number	Rated Current	Pole
EMS-1003P	100	3
EMS-1004P		4
EMS-1253P	125	3
EMS-1254P		4

Rated Operational Voltage (Ue)	Category of Duty	Terminal Capacity	Reference Standard
230/400V 50/60Hz	AC22B	50mm ²	EN60947-3

▲ RCCB - 4 Pole - Bi-Directional - (Type A)



Technical Details



Part Number	Rated Current	Type	Tripping Threshold
RCD10-100/30/4A	100	A	30mA
RCD10-100/100/4A		A	100mA
RCD10-100/100/4S		A [s]*	100mA time delayed
RCD10-100/300/4A		A	300mA
RCD10-63/30/4A	63	A	400-415VAC
RCD10-63/30/2ALV		A	110VAC

Part Number	Type	Rated Operational Voltage (Ue)	Terminal Capacity	Reference Standard
RCD10-100/30/4A RCD10-100/100/4A RCD10-100/300/4A	A	400V, 50Hz	35mm ²	EN61008-1
RCD10-100/100/4S	A [s]*	400V, 50Hz	35mm ²	EN61008-1

*[s] = Time Delayed

Scan to access the CPD course on RCCBs from our Lewden Academy



▲ RCCB accessory kit

- TPN-RCCBAK is required where an RCCB is to be used as the incoming device.



Technical Details

Part Number
TPN-RCCBAK

RCCB Type	Classification	Symbol	Type of load suited to	Description
A	Suitable for use on pure AC and where pulsating DC exists up to 6mA		Equipment that features electronic components Type A devices are also suitable for AC applications	• Inverters • Class 1 IT and multimedia equipment • Power supplies for class 2 equipment • Washing machines that are not frequency controlled • Lighting controls such as electronic dimmer switches and building electronic systems • LED drivers • Induction hobs • Electric vehicle charging where any smooth DC fault current is <6mA

Circuit protection - 10kA

▲ Miniature circuit breakers - 10kA - Bi-directional



Technical Details



Rated Current	10 kA - B Trip Curve		10 kA - C Trip Curve			10 kA - D Trip Curve		
	1 Pole	3 Poles	1 Pole	2 Poles	2 Poles	1 Pole	2 Poles	2 Poles
6A	E10-1B06	E10-3B06	E10-1C06	E10-2C06	E10-3C06	E10-1D06	E10-2D06	E10-3D06
10A	E10-1B10	E10-3B10	E10-1C10	E10-2C10	E10-3C10	E10-1D10	E10-2D10	E10-3D10
16A	E10-1B16	E10-3B16	E10-1C16	E10-2C16	E10-3C16	E10-1D16	E10-2D16	E10-3D16
20A	E10-1B20	E10-3B20	E10-1C20	E10-2C20	E10-3C20	E10-1D20	E10-2D20	E10-3D20
25A	E10-1B25	E10-3B25	E10-1C25	E10-2C25	E10-3C25	E10-1D25	E10-2D25	E10-3D25
32A	E10-1B32	E10-3B32	E10-1C32	E10-2C32	E10-3C32	E10-1D32	E10-2D32	E10-3D32
40A	E10-1B40	E10-3B40	E10-1C40	E10-2C40	E10-3C40	-	-	-
50A	E10-1B50	E10-3B50	E10-1C50	E10-2C50	E10-3C50	-	-	-
63A	E10-1B63	E10-3B63	E10-1C63	E10-2C63	E10-3C63	-	-	-

Trip Curve	Rated Operational Voltage (Ue)	Terminal Capacity	Reference Standard
B/C/D	230/400V 50/60Hz	25mm ²	EN60898-1 & EN60947-2

▲ Miniature Circuit Breakers - 6kA

- 6kA Short circuit breaking capacity.
- B or C curve overcurrent trip options
- Ratings from 6A to 63A
- Fully interchangeable with switched and unswitched neutral RCBO options



Technical Details



Rated Current	B Trip Curve				C Trip Curve			
	1 pole	2 poles	3 poles	4 poles	1 pole	2 poles	3 poles	4 poles
6A	G06-1B06	G06-2B06	G06-3B06	G06-4B06	G06-1C06	G06-2C06	G06-3C06	G06-4C06
10A	G06-1B10	G06-2B10	G06-3B10	G06-4B10	G06-1C10	G06-2C10	G06-3C10	G06-4C10
16A	G06-1B16	G06-2B16	G06-3B16	G06-4B16	G06-1C16	G06-2C16	G06-3C16	G06-4C16
20A	G06-1B20	G06-2B20	G06-3B20	G06-4B20	G06-1C20	G06-2C20	G06-3C20	G06-4C20
25A	G06-1B25	G06-2B25	G06-3B25	G06-4B25	G06-1C25	G06-2C25	G06-3C25	G06-4C25
32A	G06-1B32	G06-2B32	G06-3B32	G06-4B32	G06-1C32	G06-2C32	G06-3C32	G06-4C32
40A	G06-1B40	G06-2B40	G06-3B40	G06-4B40	G06-1C40	G06-2C40	G06-3C40	G06-4C40
50A	G06-1B50	G06-2B50	G06-3B50	G06-4B50	G06-1C50	G06-2C50	G06-3C50	G06-4C50
63A	G06-1B63	G06-2B63	G06-3B63	G06-4B63	G06-1C63	G06-2C63	G06-3C63	G06-4C63

Note: if using 6kA circuit breakers on a Three Phase board, a mounting kit will be required (See page 38).
4 pole MCBs cannot be used directly onto the TPN Busbar.

Protection	Breaking Capacity	Polarity	Reference Standard	Module Width
Overcurrent	6kA	Bi-Directional	BS EN 60898-1	1

▲ 10kA RCBOs - 1Pole + Unswitched Neutral - Uni-Directional - (Type A)

• Suitable for use in TN-S, TN-C-S & TT Network systems*



Technical Details



Rated Current	Type A	
	10 kA B Trip Curve 30mA	10 kA C Trip Curve 30mA
6A	RCBO10-06/30/1MBA	RCBO10-06/30/1MCA
10A	RCBO10-10/30/1MBA	RCBO10-10/30/1MCA
13A	RCBO10-13/30/1MBA	RCBO10-13/30/1MCA
16A	RCBO10-16/30/1MBA	RCBO10-16/30/1MCA
20A	RCBO10-20/30/1MBA	RCBO10-20/30/1MCA
25A	RCBO10-25/30/1MBA	RCBO10-25/30/1MCA
32A	RCBO10-32/30/1MBA	RCBO10-32/30/1MCA
40A	RCBO10-40/30/1MBA	RCBO10-40/30/1MCA
45A	RCBO10-45/30/1MBA	RCBO10-45/30/1MCA

Type	Rated Operational Voltage (Ue)	Terminal Capacity	Neutral Lead Length	Standards
A	230V, 50Hz	25mm ²	600mm	EN61009-1

*Suitable for use in TT network system when the main switch is used as the point of installation.



Technical Details

Accessories

▲ MCB accessories

- E10-SHT 230V AC/DC SHT
- E10-AUX Auxiliary Contact for 10kA MCB E10 range



Part Number
E10-SHT
E10-AUX

Note: Cannot be fitted onto MCBs located on the TPN Busbar.

▲ Installation contactors

- DIN Rail Mounted
- Can be fitted into extension boxes on Page 30



Part Number	Rated Current	Volts	Poles
IC20	20A	230VAC Coil Voltage	2 N/O
IC24/4	24A		4 N/O
IC40/2	40A		2 N/O
IC63/4	63A		4 N/O

IC20 max cable: 4mm sq
IC40/2 max cable: 10mm sq
IC63/4 max cable: 16mm sq

▲ 6kA Circuit breakers conversion kit

- Enables the use of 6kA circuit breakers within the TPN board.



Important note that the TPN board can be set up for either 10kA or 6kA devices according to the short circuit rating of the electrical supplier network. 10kA and 6kA circuit protection devices cannot be mixed.

Part Number	Description
E-TPNZB04	For use with 4 way TP&N board (E-TPN04LW)
E-TPNZB08	For use with 8 way TP&N board (E-TPN08LW)
E-TPNZB12	For use with 12 way TP&N board (E-TPN12LW)
E-TPNZB16	For use with 16 way TP&N board (E-TPN16LW)

▲ Single phase supply kit

- Converts TPN board to a single phase incoming 125A supply. For installation to the supply side of 3 or 4 pole incoming device.



Part Number
TPN-SPL

▲ MCB/RCBO/AFDD padlock

- Suitable for 6kA and 10kA MCB and RCBO in the "ON" or "OFF" position. Includes yellow, hazard indicator. Not suitable for incoming devices.



Part Number
MCBLOCK

▲ Multi-function din rail blank

- Increased safety blanks. Conceals unused ways. Fits directly in place of 1Pole MCB/RCBO to shroud unused outgoing ways. Suitable for use with both 6kA and 10kA breaker sets. Also compatible with Lewden single phase consumer units.



Part Number
MFDRB

▲ Door barrel key lock

- For extra security, supplied with 2 keys. Direct replacement for standard double bar locks on TPN boards and extension boxes.
- Fits all TP&N Distribution Boards and Extension boxes.



Part Number
E-TPNKL

▲ 18mm module blanks

- For door cut out 2 x 6 ways strips.
- Used for blanking of unused ways
- Use in conjunction with PI insulators



Part Number
CU-BL

▲ Phase insulators

- For blanking of unused outgoing ways. Pack Qty: 100. Fits directly to outgoing ways. For use in conjunction with CU-BL blanking strips.



Part Number
PI

▲ RCCB accessory kit

- TPN-RCCBAK is required where an RCCB is to be used as the incoming device.



Part Number
TPN-RCCBAK



The Electricians' Choice





3

Switchgear



The Electricians' Choice

SWITCHGEAR

Switch-up a gear by protecting your Electrical Systems with Lewden.

For safe distribution of power Lewden has designed Low-voltage Switchgear solutions. Control, protect, and isolate your power systems using Lewden Switchgear that assures unparalleled safety and reliability for diverse applications. Trust in our legacy of quality and innovation to secure your electrical systems.

“ WHEN IT COMES TO ISOLATION, THERE'S NO ROOM FOR DOUBT...”

You don't cut corners with isolation — it's got to be safe, solid, and spot on. Lewden's isolators are built tough for industrial graft, but still quick to install with clear markings that keep things simple. They're fully compliant with IEC and BS standards, so you know they're up to spec. Whether it's maintenance or an emergency shut-off, I trust Lewden to keep everything under control.

“ TAKE CONTROL WITH CONFIDENCE

When I need to isolate under load, I reach for gear that won't flinch. Lewden's switch disconnectors are spot on - reliable under pressure, with current ratings that go right up to 1250A. The enclosures are IP65 rated, so whether it's indoors or out, you're covered. And with padlockable handles built in, you've got added safety while working. It's the kind of switchgear that gives you control and keeps you protected - job after job.

“ TWO JOBS, ONE TOUGH UNIT...”

I like gear that does more with less - and Lewden's fused switches hit the mark. You get isolation and protection in one, so it's quicker to spec and safer on site. They're built to handle serious fault currents, but still come in a compact shell that saves you space in the panel. And when it's time to swap a fuse, it's a two-minute job - not a full strip-down. Solid protection without the hassle.





> Electricity Isolation

- Isolator Switch

> Switch Disconnectors

- Technopolymer 16A – 100A
- Die cast aluminium 16A – 125A
- Mild Steel 32A – 125A
- Stainless Steel & GRP 100-630A
- Fire Rated 16A – 200A

> Fused Switches

- 63A, 80A & 100A

> Fused Switch Disconnectors

- Mild Steel 32 - 125A
- Steel & GRP 100-630A

> “HEAVY-DUTY PROTECTION YOU CAN LOCK IN...

When the spec calls for real stopping power, I go for Lewden's fused switch disconnectors. You get isolation and protection built in - ideal for heavy-duty sites. The covers are interlocked, the contacts are visible, and it's all built solid for industrial loads. Doesn't matter if it's 3-pole, 4-pole or a custom setup - there's a configuration to match your job. It's kit that keeps you safe, keeps you moving, and keeps the install tidy.

Electricity isolation

Provides electrical isolation between the DNO kWh meter and consumer unit or distribution board. The isolation switch permits the supply to the installation to be interrupted without withdrawing the DNO cut out fuse. Available as either an empty enclosure or with integrated main switch.



Manufactured from durable ABS material, the insulated enclosure features two separate interlocking covers, permitting the installation and separate security sealing of supply and load conductors.

Supplied complete with cable entry plugs to maintain ingress protection when DNO service head and meter are installed prior to consumer unit installation.



Covers can be sealed either by steel wire $\leq \varnothing 3\text{mm}$ with lead crimp, or flat plastic zip tie $\leq 4\text{mm}$ width.

Electricity isolator switch

- Available in 2 module enclosure complete with 100A DP Main Switch, or in 4 module enclosure complete with 100A 4P Main Switch.
- Ingress rating IP20 IK07
- Designed for use with 16mm^2 & 25mm^2 double insulated meter tails type 6181Y



Technical Details



Part Number	Enclosure Modules	Device Included	Description
SLM2-DS	2	GMS1002DP	100A DP Main Switch
SLM2-MS	2	GMS1002DP	100A DP Main Switch
SLM4-MS	4	EMS-1004P	100A 4P Main Switch
SLM2-100mAS	2	100/100/2SA	100A 2P 100mA time-delayed RCD

Electricity Isolator Switch Enclosure - Empty

- Available in both 2 module and 4 module enclosure sizes.
- Designed for use with 16mm^2 & 25mm^2 double insulated meter tails type 6181Y
- Ingress rating IP20 IK07



Technical Details



Part Number	Enclosure modules
SLM2	2
SLM4	4

For Dimensional Drawings see Page 124

Dual Screw Main Switch

- 100A DP main switch AC22A
- Dual 3mm allen screw terminals provide a higher security electrical connection



Technical Details



Part Number	Enclosure modules	Rating
GMS1002DS	2	100A DP

Switch Disconnectors - Technopolymer



Technical Details



▲ Rotary switches in technopolymer

Lockable Switch

The handle is lockable in the OFF position and the front cover interlocked in the ON position, assuring the maximum security against unauthorised interventions.

Fully rated AC3 - AC23A switching category

The isolator Switch is AC3-AC23A at rated current permitting safe operation even with highly inductive loads (eg. Motors) (Excluding 100A).

Robust and wide enclosure

The enclosure is wider than the average on the market in order to achieve easier and faster wiring. The techno polymer construction ensures top level resilience to physical impact and chemicals.

*Flammability class V-0 (Switch) HB (enclosure).

Technical Data

Reference Standard	IEC/EN 60947-3	Operating voltage	Up to 690V 50/60 Hz
Enclosure Material	Technopolymer	Resistance to impacts (IEC/EN 62262)	IK08
Ingress Protection Rating (IEC/EN 60529)	IP65	Insulation class	II □
Finish Colour	RAL7035 (enclosure) RAL1018 (cover) RAL3020 (handle)	Glow Wire Resistance	960 °C Switch 650 °C Enclosure
		Operating temperature	-25°C - +60°C

Range

Part Number	Rated current (A)	Poles	Dimensions (HxWxD) mm
208162	16	2	158x121x126
208163		3	158x121x126
208164		4	158x121x126
208253	25	3	158x121x126
208254		4	158x121x126
208322	32	2	158x121x126
208323		3	158x121x126
208324	40	4	158x121x126
208403		3	250x158x139
208404	63	4	250x158x139
208632		2	250x158x139
208633	63	3	250x158x139
208634		4	250x158x139
208103	100	3	250x158x139
208104		4	250x158x139

Equipment included: with terminal cover.

Rated operating current

Thermal current Ith		16	25	32	40	63	100
AC21A	415V 500V	16	25	32	40	63	100
AC22A	415V 500V	16	25	32	40	63	100
AC23A	230V	16	25	32	40	63	63
	400V						
	500V						
AC23A	230V	5.1	8.0	10.2	12.7	20.1	20.1
	400V	8.9	13.9	17.7	22.2	34.9	34.9
	500V	11.1	17.3	22.2	27.7	43.6	43.6
	690V	15.3	23.9	30.6	38.2	60.2	60.2
AC3	230V	5.1	8.0	10.2	12.7	15.9	15.9
	400V	8.9	13.9	17.7	22.2	27.7	27.7
	500V	11.1	17.3	22.2	27.7	34.6	34.6
	690V	15.3	23.9	30.6	38.2	47.8	47.8
(50-60 Hz)							

(50-60 Hz)

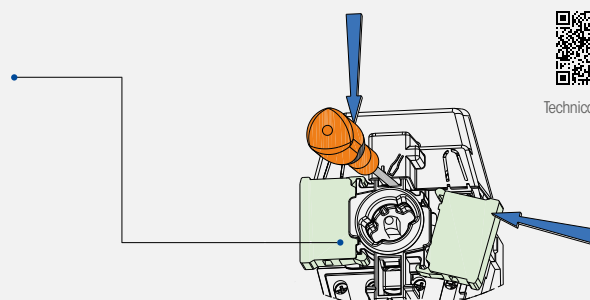
Terminal specifications:	16A	25A	32A	40A	63A	100A
Entry sections	mm ²	1 - 10			6 - 35	
Tightening torque	Nm	2			3	

Accessories

Auxiliary contacts for switches up to 16-100A (Max 2)

Contact type	Lewden code
1 NC Late Break	270326
1 NO Late Make	270327
1 NC Simultaneous	270330
1 NO Make/Break	270331
1 NO + 1 NC	270332

Characteristics: code 270332 is composed of 2 single contacts.



Technical Details



The Electricians' Choice

Switch Disconnectors - Metal Clad



Technical Details



▲ 16A - 125A die cast aluminium alloy

Full rated AC23A switching category

The isolator Switch is AC23A utilisation, permitting safe operation even with highly inductive loads (e.g. Motors).

Modular Construction

Options for switched or solid neutral pole & multiple auxiliary contacts.

Padlockable and door interlocked

Padlockable in the "off" position and door interlocked in the "on" position, increase security in the installation environment.



*Padlock not included

Technical Data

Reference Standard	EN 60947-3 EN60529
Enclosure Material	Aluminum Alloy
Ingress Protection Rating (IEC/EN 60529)	IP67
Finish Colour	RAL7046 (enclosure)

Operating voltage	Up to 690V 50/60 Hz
Resistance to impacts (IEC/EN 62262)	IK08
Insulation class	I
Glow Wire Resistance	960 °C Switch
Operating temperature	-25 to +55 °C

Range

Part Number	Rated current (A)	Poles	Dimensions (HxWxD) mm
206162	16	2	150x105x129
206163		3	150x105x129
206164		4	150x105x129
206202	20	2	150x105x116
206203		3	150x105x116
206204		4	150x105x116
206252	25	2	150x105x129
206253		3	150x105x129
206254		4	150x105x129
206323	32	3	150x105x129
206324		4	150x105x129
206402	40	2	150x105x129
206403		3	150x105x129
206404		4	150x105x129
206632	63	2	200x135x129
206633		3	200x135x129
206634		4	200x135x129
206803	80	3	200x135x129
206804		4	200x135x129
206103	100	3	320x205x156.6
206104		4	320x205x156.6
206123	125	3	320x205x156.6
206124		4	320x205x156.6

Technical Specifications

Thermal current Ith	16	25	32	40	63	80	100	125
AC21A 415V								
500V	16	25	32	40	63	80	100	125
690V								
AC22A 415V								
500V	16	25	32	40	63	80	100	125
690V								
AC23A 415V		25	32	40	63	80	100	125
500V	16	20	25	32	63	63	80	100
690V		20	25	25	40	40	63	63
AC23A 415V		11	15	18.5	30	37	45	55
500V	7.5	11	15	18.5	30	37	45	55
690V		15	15	15	30	37	45	55

(50-60 Hz)

Terminal specifications:	16A	25A	32A	40A	63A	80A	100A	125A
Enclosed Switch	mm ²	0.75 - 6			1.5 - 25		10 - 50	
Switch Body	mm ²	0.75 - 10			1.5 - 35		10 - 70	



Technical Details

Accessories

Auxiliary Contacts*					
Part No.	Config.	Module Width (mm)	Parameters	Ui	Uimp
206911	1NO+1NC	9mm	AC-13:10A 230V~ AC-15:6A 230V~	600V	6KV

*Suitable for all models

Add on Neutral pole (unswitched)			
Part No.	Config.	Compatible with switches	width (mm)
206940	40A unswitched	16-40A	12
206980	80A unswitched	63-80A	17.5
206912	125A unswitched	100-125A	23.8

Add on blocks



16-40A Switches

Maximum add on blocks
4x Auxiliary (206911) or
3x Auxiliary (206911) +
1 N pole (206940)



63-80A switches

Maximum add on blocks
4x Auxiliary (206911) or
2x Auxiliary (206911) +
1 N pole (206980)



100-125A Switches

Maximum add on blocks
4x Auxiliary (206911) or
3x Auxiliary (206911) +
1 N pole (206912)

Metal clad switch disconnectors

▲ Switch disconnector in mild steel



Robust and wide IP65 Enclosures

Powder coated mild steel enclosures with a wide space for comfortable wiring, protected against the ingress of dust and water jets from all directions.

Fully rated to AC-23A category

The isolator switch is AC-23A at rated current that allows safe operation even with highly inductive loads (e.g. Motors, etc.).

Pad lockable and interlocked door

Increased security in the installation environment with the door padlock able in the 'OFF' position and interlocked in the 'ON' position.

Technical Data

Reference Standard	IEC60947-3	Operating voltage	Up to 690V 50/60 Hz
Enclosure Material	Mild Steel	Resistance to impacts (IEC/EN 62262)	IK10
Ingress Protection Rating (EN60529)	IP65	Operating Temperature	
Finish Colour	RAL 7035	Switch Disconnector	-25 to +55°C
Insulation Class	I	Fused Disconnector	-5 to +40°C



Technical Details

Switch disconnector range

Part Number	Rated current	Poles	Description	Dimensions (HxWxD) mm
IS324P	32A	3P+N	Steel Rotary Isolator 32A AC 23A	250x250x150
IS634P	63A	3P+N	Steel Rotary Isolator 63A AC 23A	250x250x150
IS804P	80A	3P+N	Steel Rotary Isolator 80A AC 23A	250x250x150
IS1004P	100A	3P+N	Steel Rotary Isolator 100A AC 23A	300x250x150
IS1254P	125A	3P+N	Steel Rotary Isolator 125A AC 23A	300x250x150

For Dimensional Drawings see Page 123

Auxiliary Contact Block 1no+1nc

Part No.
206911

Technical Specifications

Thermal current Ith		32	63	80	100	125
AC21A	415V					
	500V	32	63	80	100	125
	690V					
AC22A	415V					
	500V	32	63	80	100	125
	690V					
AC23A	415V	32	63	80	100	125
	500V	25	63	63	80	100
	690V	25	40	40	63	63
AC23A	415V	15	30	37	45	55
	500V	15	30	37	45	55
	690V	15	30	37	45	55

(50-60 Hz)

Metal Clad Switch Disconnectors

▲ In Steel or GRP enclosure options



Robust and wide Enclosure

Powder Coated Steel or GRP Enclosure options guarantee high impact resistance and optimal chemical performances, and wide space for comfortable wiring.

Padlockable and door interlocked

Being Padlockable in the "off" position door interlocked in the "on" position, increases security in the installation environment.

IP65 Protection Rating

Every enclosure is protected from dirty and dusty environments and water jets from all directions.

Technical Data

Reference Standard	IEC/EN 60947-3	Operating voltage	Up to 690V 50/60 Hz
Enclosure Material	Mild Steel or GRP (AISI304 stainless Steel available on request)	Resistance to impacts (IEC/EN 62262)	> IK10
Ingress Protection rating (IEC/EN 60529)	IP65	Insulation class	I Steel II GRP
Finish Colour	RAL7035	Fuse Type	BS88 Fuse cartridges (gG)
		Operating temperature	- 5 °C - + 40°C

Mild Steel Switch Disconnector 3P+N

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207211	3P+ $\frac{N}{\perp}$	100A	400x300x150
207212	3P+ $\frac{N}{\perp}$	125A	400x300x150
207213	3P+ $\frac{N}{\perp}$	160A	500x400x200
207214	3P+ $\frac{N}{\perp}$	200A	500x400x200
207215	3P+ $\frac{N}{\perp}$	250A	600x400x200
207216	3P+ $\frac{N}{\perp}$	315A	700x500x200
207217	3P+ $\frac{N}{\perp}$	400A	700x500x200
207218	3P+ $\frac{N}{\perp}$	630A	800x600x200

Mild Steel Switch Disconnector 4 Pole

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207411	4	100A	400x300x150
207412	4	125A	400x300x150
207413	4	160A	500x400x200
207414	4	200A	500x400x200
207415	4	250A	600x400x200
207416	4	315A	700x500x200
207417	4	400A	700x500x200
207418	4	630A	800x600x200

GRP Switch Disconnector 3P+N

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207221	3P+ $\frac{N}{\perp}$	100A	430x340x180
207222	3P+ $\frac{N}{\perp}$	125A	430x340x180
207223	3P+ $\frac{N}{\perp}$	160A	430x340x180
207224	3P+ $\frac{N}{\perp}$	200A	505x450x220

GRP Switch Disconnector 4 Pole

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207421	4	100A	430x340x180
207422	4	125A	430x340x180
207423	4	160A	430x340x180
207424	4	200A	505x450x220

Stainless Steel 304 Switch Disconnector 3P+N

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207231	3P+ $\frac{N}{\perp}$	100A	400x300x150
207232	3P+ $\frac{N}{\perp}$	125A	400x300x150
207233	3P+ $\frac{N}{\perp}$	160A	500x400x200
207234	3P+ $\frac{N}{\perp}$	200A	500x400x200
207235	3P+ $\frac{N}{\perp}$	250A	600x400x200
207236	3P+ $\frac{N}{\perp}$	315A	700x500x200
207237	3P+ $\frac{N}{\perp}$	400A	700x500x200
207238	3P+ $\frac{N}{\perp}$	630A	800x600x200

Stainless Steel 304 Switch Disconnector 4 Pole

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207431	4	100A	400x300x150
207432	4	125A	400x300x150
207433	4	160A	500x400x200
207434	4	200A	500x400x200
207435	4	250A	600x400x200
207436	4	315A	700x500x200
207437	4	400A	700x500x200
207438	4	630A	800x600x200

For Dimensional Drawings see Page 123



Technical Details

Switch Disconnectors - Fire rated



▲ Fire rated F400 isolator switch in aluminium alloy

High visibility handle

The high visibility operating handle, patented by Palazzoli, allows even non-expert users to immediately understand the switch status.

Full rated AC3-AC23A category

The isolator Switch is AC3-AC23A at rated current that allows safe operation even with highly inductive loads (e.g. Motors).

Customisable entry flanges

Cable entries can be easily customised by using blind or threaded flanges.



Technical Details



Scan the QR code to explore our complete range of Isolator Switches.

Technical Data

Reference Standard	EN 60947-3 / EN12101-3 (400°C for 120 minutes)	Operating Voltage	Up to 500V
Enclosure Material	Aluminium alloy	Resistance to impacts (IEC/EN 62262)	IK10
Ingress Protection Rating (IEC/EN 60529)	IP66/IP67 (16A-63A) IP55 (125A-200A)	Insulation class	I
Finish Colour	RAL7035 - Base RAL3020 - Cover	Glow Wire Resistance	960 °C Switch
		Operating temperature	-25°C - +70°C

Range

Part Number	Rated current (A)	Poles	Dimensions (HxWxD) mm	Window Type
152130	16	3	125x92x138	blind walls
152140		4		blind walls
152160		6		blind walls
152230	25	3	185x125x173	blind walls
152240		4		blind walls
152260		6		blind walls
152330	40	3	252x185x230	blind walls
152340		4		blind walls
152360		6		blind walls
152430	63	3	315x220x240	blind walls
152440		4		blind walls
152460		6		blind walls
152530*	125	3	315x220x240	F3
152540*		4		
152631*	160	3	315x220x240	F3
152641*		4		
152630*	200	3	315x220x240	F3
152640*		4		

See accessories table below

Rated operating current

Thermal current Ith	A	16A	25A	40A	63A	125A	160A	200A
AC21A 415V 500V	A	16	25	40	63	125	160	200
AC22A 415V 500V	A	16	25	40	63	125	160	200
AC23A 230V 400V 500V	A	16	25	40	63	125	160	200
AC23A 230V 400V 500V	KW	5.1	8.0	12.7	20.1	31.8	51.0	63.7
AC23A 400V 500V	KW	8.9	13.9	22.2	34.9	55.4	88.7	110.9
AC23A 500V	KW	11.1	17.3	27.7	43.6	69.2	110.9	138.6
AC3 230V 400V 500V	KW	4.5	6.4	11.2	17.5	25.5	25.5	31.9
AC3 400V 500V	KW	7.8	11.1	19.4	30.5	44.3	44.3	55.4
AC3 500V	KW	9.7	13.9	24.2	38.1	55.4	55.4	51.9

Wiring data	16A	25A	40A	63A	125A	160A	200A
Entry cable cross-section	mm ²	1-4	1.5-6	4-10	6-16	16-70	16-70
Tightening torque	Nm	1,5	2	3	6	6	6

Equipment included: earth terminal, inside and outside the box. Gasket.

* The protection rating is IP55. Wall-mounted isolator switches with windowed walls.

* 2xFlanges required from selection below.

Accessories



Technical Details

Flanges, in aluminium alloy with metric thread & Blind Flange flat, in steel for windowed walls

For windows	Threading type	Projection (mm)	Part Number
F3	M40	51	540190
F3 (Blind)	-	6	540033



Cable glands in nickel-plated brass with metric threading IP68

Threading*	Max mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Part Number
M12x1,5	12,5	2,5-6,5	6,5	582012
M16x1,5	16,5	4-9,5	7	582016
M20x1,5	20,5	7-13	8	582020
M25x1,5	25,5	8-16	8	582025
M32x1,5	32,5	11-21	9	582032
M40x1,5	40,5	15-27	9	582041
M50x1,5	50,5	22-35	10	582050

Metal clad fused switch disconnectors

▲ Fused switch disconnecter in mild steel



Robust and wide IP65 Enclosures

Powder coated mild steel enclosures with a wide space for comfortable wiring, protected against the ingress of dust and water jets from all directions.

Fully rated to AC-23A category

The isolator switch is AC-23A at rated current that allows safe operation even with highly inductive loads (e.g. Motors, etc.).

Pad lockable and interlocked door

Increased security in the installation environment with the door padlock able in the 'OFF' position and interlocked in the 'ON' position.

Technical Data

Reference Standard	IEC60947-3	Operating voltage	Up to 690V 50/60 Hz
Enclosure Material	Mild Steel	Resistance to impacts (IEC/EN 62262)	IK10
Ingress Protection Rating (EN60529)	IP65	Operating Temperature	
Finish Colour	RAL 7035	Switch Disconnecter	-25 to +55°C
Insulation Class	I	Fused Disconnecter	-5 to +40°C



Technical Details

Fused disconnecter range

Part Number	Rated current	Poles	Description	Dimensions (HxWxD) mm
FIS324P	32A	3P+N	Steel Fused Switch 32A AC 23A	300x250x150
FIS634P	63A	3P+N	Steel Fused Switch 63A AC 23A	400x300x150
FIS804P	80A	3P+N	Steel Fused Switch 80A AC 23A	400x300x150
FIS63804P	80A	3P+N	Steel Fused Switch 63A, 80A AC 23A	400x300x150
FIS1004P	100A	3P+N	Steel Fused Switch 100A AC 23A	500x300x150
FIS1254P	125A	3P+N	Steel Fused Switch 125A AC 23A	500x300x150
FIS1001254P	125A	3P+N	Steel Fused Switch 100A, 125A AC 23A	500x300x150

For Dimensional Drawings see Page 123

Fuse link and fuse holder ratings

Part Number	Fuse Links included as standard	Fuse Link IEC60269-2 Cylindrical
FIS324P	3x 32A gG	10x38mm
FIS634P	3x 63A gG	
FIS804P	3x 80A gG	
FIS63804P	3x 63A gG / 3x 80A gG	22x58mm
FIS1004P	3x 100A gG	
FIS1254P	3x 125A aM	
FIS1001254P	3x 100A gG/ 3x 125A aM	

gG: General Purpose Fuse

aM: Motor Protection Fuse

Switch Terminal Capacity line/load (min/max)	
32A	0.75-10 mm ²
63A-80A	1.5-35 mm ²
100A-125A	10-70 mm ²

Fuse Holder Terminal Capacity line/load (min/max)	
32A	1-25 mm ²
63A-100A	4-50 mm ²
125A	4-50 mm ²

Metal Clad Switch Fuses



▲ In Mild Steel or GRP enclosure options

Robust and wide Enclosure

Powder Coated Steel or GRP Enclosure options guarantee high impact resistance and optimal chemical performances, and wide space for comfortable wiring.

Padlockable and door interlocked

Being Padlockable in the "off" position door interlocked in the "on" position, increases security in the installation environment.

IP65 Protection Rating

Every enclosure is protected from dirty and dusty environments and water jets from all directions.

Technical Data

Reference Standard	IEC/EN 60947-3	Operating voltage	Up to 690V 50/60 Hz
Enclosure Material	Mild Steel or GRP (AISI304 stainless Steel available on request)	Resistance to impacts (IEC/EN 62262)	> IK10
Ingress Protection rating (IEC/EN 60529)	IP65	Insulation class	I Steel II GRP
Finish Colour	RAL7035	Fuse Type	BS88 Fuse cartridges (gG)
		Operating temperature	- 5 °C - + 40°C

Mild Steel Switch Fuse Range 3P+N

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207111	3P+ $\pm$	100A	500x400x200
207112	3P+ $\pm$	125A	500x400x200
207113	3P+ $\pm$	160A	500x400x200
207114	3P+ $\pm$	200A	500x400x200
207115	3P+ $\pm$	250A	600x400x200
207116	3P+ $\pm$	315A	700x500x200
207117	3P+ $\pm$	400A	700x500x200
207118	3P+ $\pm$	630A	800x600x300

GRP Switch Fuse Range 3P+N

Part No.	Poles	Rating	Dimensions mm (HxWxD)
207121	3P+ $\pm$	100A	505x450x220
207122	3P+ $\pm$	125A	505x450x220
207123	3P+ $\pm$	160A	430x340x180
207124	3P+ $\pm$	200A	505x450x220



Technical Details

Switch Disconnectors

Technical data according to IEC60947-3	100A	125A	160A	200A	250A	315A	400A	630A
Rated operational current up to 690Vac AC21A / AC22A	100A	125A	160A	200A	250A	315A	400A	630A
Rated operational current up to 400Vac AC23A	100A	125A	160A	200A	250A	315A	400A	630A
Rated operational power AC23 up to 400Vac	52kW	65kW	85kW	105kW	130kW	165kW	210kW	330kW
Rated breaking capacity in category AC23 up to 400Vac	800A	1000A	1280A	1600A	2000A	2520A	3200A	5040A
Mechanical endurance operations	12000	10000	10000	10000	10000	8000	8000	8000
Bolted lug type terminal connection size (metric thread)	M6	M6	M8	M8	M8	M10	M10	M12
Neutral link size	250A	250A	250A	250A	250A	630A	630A	630A

Switch Fuses

Technical data according to IEC60947-3	100A	125A	160A	200A	250A	315A	400A	630A
Rated operational current 400Vac AC21A / AC22A / AC23A	100A	125A	160A	200A	250A	315A	400A	630A
Rated operational power AC23 @ 400Vac	52kW	65kW	85kW	105kW	130kW	165kW	210kW	330kW
Rated breaking capacity in category AC23 (UPTO 400Vac pf 0.35)(0.45*)	800A *	1000A	1280A	1600A	2000A	2520A	3200A	5040A
Mechanical endurance operations	8000	8000	8000	7000	7000	7000	7000	4000
Bolted lug type terminal connection size (metric thread)	M8	M8	M8	M10	M10	M12	M12	M12
Fuse size (BS88 part 2) Breaking capacity 80KA @400Vac	TCP100	CTFP125	CTFP160	CTFP200	TKF250	TKF315	TMF400	TTM630
Fuse cartridge size (BS88 part 2)	A4	A4	A4	B2	B3	B3	B4	C2
Neutral link size	250A	250A	250A	250A	250A	630A	630A	630A

*Two poles in series

Fused Switches

▲ 100A DP metal fused switch

- Main switch or RCCB incomer options
- Supplied complete with gG fuses IEC60269-2 (BS88-2) Ø22x58mm
- Easily configurable for top or bottom entry of incoming supply cables
- 3 way Earth bar 25mm²

NEW



Technical Details



Part Number	Rated Current	Rated Voltage	Fuse Rating	Incomer
FS	100A	230VAC	N/A	Main Switch 100A DP
FS6380100	100A	230VAC	63A,80A,100A	Main Switch 100A DP
FS63	100A	230VAC	63A	Main Switch 100A DP
FS80	100A	230VAC	80A	Main Switch 100A DP
FS100	100A	230VAC	100A	Main Switch 100A DP
FR6380100	100A	230VAC	63A,80A,100A	RCCB 100mA class A (Time Delayed)

▲ Replacement fuses



Part Number	Rating	Type	Breaking Capacity	Reference Standard
F063A	63A	22x58mm Cylindrical, General Purpose gG	120kA, 500 VAC	IEC60269-2
F080A	80A			
F100A	100A			

▲ 80A domestic service fused switch

- Double Pole Switch
- Insulated Thermosetting Polymer Enclosure
- Supplied complete with 80A type ME fuse and cable duct



Technical Details



Part Number	Rated Current	Rated Voltage	Utilisation Category	Fuse
MSF	80A	230VAC 50Hz	AC21	IEC60269-3 (BS88-3)

For Dimensional Drawings see Page 122



Part Number	Descriptions
MSF-CD	Additional MSF100(CD) cable duct for MSF

▲ Replacement Fuse for MSF



Part Number	Rating	Type	Breaking Capacity	Reference Standard
ME080A	80A	ME, General Purpose gG	33kA 415VAC	BS88-3 IEC60269-3

▲ Changeover Switch

- 3 Position 4P changeover switch c/w common output link bars
- 100A AC22A
- IP65
- Centre OFF position
- Plastic enclosure



Technical Details



Part Number	Descriptions
CS1004P	100A (AC22A) 4pole changeover switch

▲ Fire Alarm Isolator Switch

- Ideal for the supply of Fire Alarm systems within commercial/industrial properties.



Technical Details



Part Number	Descriptions
FAU456	45A Main Switch, 230V AC, 6A Type B MCB (1Pole), MCB Lock



The Electricians' Choice





4

Enclosures and Junction Boxes



The Electricians' Choice

ENCLOSURES AND JUNCTION BOXES

Designed for durability, Engineered for Safety.

Protection and management of electrical systems are paramount in any setting, be it residential, commercial, or industrial. Lewden's range of enclosures and junction boxes is a testament to this understanding. Our enclosures are designed to withstand challenging environments, ensuring that your electrical installations are secure and always protected. From weather-resistant outdoor options to sleek, unobtrusive designs for indoor use, our products meet the diverse needs. Additionally, our junction boxes offer unparalleled ease of installation and maintenance, coupled with the flexibility to suit various applications. Lewden designs solutions that stand the test of time, reflecting - unwavering commitment to quality, innovation, and customer satisfaction.



> Enclosures

Available in GRP, stainless steel, mild steel and die cast aluminium alloy. Flexible and cost-effective solutions for industry, commerce, rail, power distribution, switching automation, control and monitoring. Widely used in specialist areas like food production and exposed outdoor or **coastal areas prone to corrosion (marine + oil)** for enhanced protection serving broad applications in outdoor environments from weather exposed facilities to outdoor surveillance equipment - solutions for all.



SPARKY
SAYS!

> “WHATEVER THE WEATHER, WHEREVER THE JOB...

I don't need to think twice with Lewden enclosures - they're solid, weatherproof, and ready for whatever site throws at them. With IP and IK ratings, UV resistance, and a range of box sizes in metal, polycarbonate or GRP, there's one for every install. Loads of knockouts and gland plates make cabling easy too - no cutting corners, no fighting for space. Just straight-up protection where it counts.



> Modular Enclosures

Available in insulated weatherproof models with IP20 rated product, IP55, IP65 and die cast aluminium as an offering.



> Junction Boxes

A selection of materials including thermoplastic, aluminium alloy.

▲ Mild Steel enclosures (IP65 Range)

- Complete with mild steel equipment mounting plate
- 1.2 mm sheet steel construction
- Epoxy powder coated RAL7035
- Polyurethane door gasket
- Reversible door
- Recessed gland plate
- Double bar lock

Includes mild steel equipment mounting plate.



Technical Details



Part Number	Dimensions (WxHxD)
WME-3025/200	300 x 250 x 200mm
WME-33/150	300 x 300 x 150mm
WME-43/150	400 x 300 x 150mm
WME-44/200	400 x 400 x 200mm
WME-54/200	500 x 400 x 200mm
WME-64/200	600 x 400 x 200mm
WME-65/200	600 x 500 x 200mm
WME-66/200	600 x 600 x 200mm
WME-75/200	700 x 500 x 200mm
WME-86/200	800 x 600 x 200mm
WME-86/300	800 x 600 x 300mm

Accessories for Mild Steel Enclosures

Part Number	Description
WME-KL	Key Lock for metal enclosures
WME-WMK	Wall mounting kit for metal enclosures

▲ 304 Stainless steel enclosures (IP65)

- Complete with mild steel equipment mounting plate
- Polyurethane door gasket
- Reversible door
- Recessed gland plate
- Double bar lock
- Includes mild steel equipment mounting plate



Technical Details



Part Number	Dimensions (WxHxD)
SSE-2525/150	250 x 250 x 150mm
SSE-3025/200	300 x 250 x 200mm
SSE-33/150	300 x 300 x 150mm
SSE-43/150	400 x 300 x 150mm
SSE-44/200	400 x 400 x 200mm
SSE-54/200	500 x 400 x 200mm



TAIS *Cube*

More **power**
to the cube
with a click

Available in 7 different sizes,
with transparent
and blind door options.

Ingress Protection
Rating IP66.

**TAIS CUBE designed
in GRP Thermosetting**
for tough enclosure
applications where space,
ingress protection, quick
installation and long service
life is important.
Available with blind or
transparent door.



THE REVOLUTIONARY  CLIPPING SYSTEM



 insert the holders

 assemble the frame

 insert the frame



Scan the QR code to explore the
range more in detail

Steel frame enables easy bench wiring of modular devices
and trunkings. Once wired, it clicks effortlessly into place.
Built for lasting strength and durability.

▲ IP20 Modular enclosure (extra height)

- IP20 Ingress Protection Rating
- 2 Module Insulated Enclosures
- Comes with DIN Rail

- Extra height enclosure
- Made from ABS material.



Technical Details



Part Number	Dimensions (WxHxD)	Modular ways
X2MOD	160 x 50 x 62mm	2
X4MOD	160 x 85 x 62mm	4

▲ Insulated IP55 Enclosure

- 35mm din rail for component mounting
- Neutral and Earth bars
- Pre-fitted with DIN Rail
- Neutral flex for connection of the incoming device to the neutral bar

- Single pole comb busbar
- ABS Construction.
- White finish



Technical Details



Part Number	Dimensions (WxHxD)	Modular ways
4/55ENC	226 x 118 x 102mm	4
8/55ENC	226 x 193 x 102mm	8

▲ IP65 Metal Enclosure - Die Cast Aluminium Alloy

- Weatherproof metal enclosure for internal or external use for industrial, residential or commercial installations.
- Includes shrouded neutral and earth bars and DIN Rail.

- Supplied with optional use external wall bracket mounting kit
- Padlockable door
- Anthracite Grey Finish



Technical Details



Part Number	Modular Ways	Dimensions HxWxD (mm)
PRO65-CU06	6	264 x 167.5 x 105

▲ IP65 Polycarbonate enclosure

- Weatherproof polycarbonate enclosure for external or internal use for industrial, residential or commercial installations.
- UV Resistant
- Transparent, padlockable door

- Supplied with neutral and earth bars
- Includes wall fixings
- RAL7035 finish



Technical Details



Part Number	Modular Ways	Dimensions (HxWxD)
4/65ENC	4	200 x 128 x 100mm
6/65ENC	6	200 x 164 x 100mm
9/65ENC	9	200 x 218 x 100mm
13/65ENC	13	230 x 296 x 120mm
15/65ENC	15	230 x 332 x 120mm
18/65ENC	18	230 x 380 x 120mm
26/65ENC	26 (2x13)	390 x 296 x 130mm

Thermoplastic Junction Boxes

A range of robust Insulation class II ABS enclosures, available in IP44 & IP56* ingress protection, with an IK rating of IK08 with an operating temperature of -25°C to + 60°C. Glow Wire Tested to 650°C.

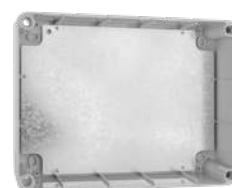


Rectangular boxes include raised screw slots for mounting terminals, mounting plates and other devices. Covers are secured by either ¼ turn fixings or captive threaded screw fixings and are affixed to the main enclosure via retention cords.



Supplied with optional fit external wall lugs with horizontal and vertical fixing screw slots for easy alignment.

Scan the QR code to view our entire range of Thermoplastic Junction Boxes



Mounting Plates are available for selected sizes.



Round Junction box includes 4 pierceable cable glands which grip cable and form around the cable to maintain ingress protection.



Provision for Anti-tamper seal on cover screws.



Supplied with weatherproof caps to provide ingress protection for internal fixing holes.

▲ Round junction box

- Push fit cover with retention cord
- Supplied complete with optional fit external wall lugs
- Four easy pierce cable glands



Technical Details



Part Number	Internal Dimensions	IP Rating	IK Rating
791002	80 x 40mm	IP44	IK08

▲ Rectangular junction boxes

- ¼ turn cover retention screws
- Cover Retention cords aid final installation
- Supplied complete with optional fit external wall lugs



Technical Details



Part Number	Internal Dimensions	Ingress Protection Rating	IK Rating
791234	100 x 100 x 50mm	IP56	IK08
791236	150 x 110 x 70mm	IP56	IK08

- 791207 Cover retention by ¼ turn fixing, heavy duty threaded screws on other boxes
- Cover Retention cords aid final installation
- Supplied complete with optional fit external wall lugs
- Optional equipment mounting plate (galvanized steel) sold separately



Part Number	Internal Dimensions	Ingress Protection Rating	IK Rating
791207	190 x 140 x 70mm	IP56	IK08
791208	240 x 190 x 90mm	IP56	IK08
791209	300 x 220 x 120mm	IP56	IK08
791210	380 x 300 x 120mm	IP56	IK08

Mounting plates are optional.

▲ Mounting plates

- Optional Mounting plates for Part numbers 791207 - 791210
- Made from Galvanized steel plate
- Supplied with fixing screws to securely mount into Junction Box



Part Number	Dimensions	Compatible Junction Box Part Number
791615	180 x 127mm	791207
791616	228 x 168mm	791208
791617	285 x 205mm	791209
791618	350 x 270mm	791210

▲ Junction boxes - Aluminium alloy

- Best use for standard applications
- Suitable for environments with aggressive atmosphere present
- Boxes suited for DIN rail mounting horizontally or vertically using M4x6 self-tapping screws
- Back box and cover are treated with ecological anticorrosion passivation
- IP66/IP67 protection rating as per IEC/EN 60529
- IK08 impact resistance as per IEC/EN 62262
- Aluminium alloy material in surface treatment of passivation with fluoro-zirconium



Technical Details



Part Number	Dimensions (WxHxD)	Ingress Protection Rating
520009	100 x 100 x 59mm	IP66/IP67
520011	115 x 140 x 61mm	IP66/IP67
520012	141 x 166 x 64mm	IP66/IP67
520014	168 x 192 x 80mm	IP66/IP67
520019	217 x 253 x 93mm	IP66/IP67
520020	264 x 314 x 122mm	IP66/IP67
520021	315 x 410 x 150mm	IP66/IP67

Accessories for the 520xxx series, as shown in Palazzoli Catalogue Page 155



5

Control Gear



The Electricians' Choice

CONTROL GEAR

Control Gear for Precision Operation.

For you to have control every step of the way, Lewden has developed solutions with user-friendly functionality to cater to both contemporary and traditional electrical needs. Our Control gear features an selection of DIN Rail Terminals – crafted for seamless connectivity and robust performance; Timers – that offer precise time management solutions tailored for various settings. The range also encompasses Installation Contactors and Bell Transformers, essentials for reliable and efficient electrical installations. Trust Lewden to certainly deliver safety, and durability in your distribution systems.



> Control Devices

- Protect your applications and reduce energy consumption with Lewden's range of Contactors, Timers, and Bell Transformers.

SPARKY
SAYS!

> “SET IT. FORGET IT. POWER UP SMART...”

Lewden's timers are a tidy little upgrade that make a big difference. Whether it's lighting, heating, or any setup that needs control, I can automate it all with a flick of a dial. Saves energy, saves hassle - and keeps the job looking pro. Built to last, simple to wire, and bang-on reliable. Just set it and crack on.

> “LOW VOLTAGE. HIGH TRUST...”

When it comes to doorbell setups, you want something safe, solid, and no-fuss. Lewden's bell transformers do just that - low-voltage outputs, stable performance, and ready to slot straight into the board. Whether it's 8V, 12V, or 24V, they've got the options covered. And the best bit? They're built to fit Lewden boards perfectly. Quick fit, no drama.

Time Clocks (switches)

▲ 24 Hour Mechanical Time Clock

- DIN Rail mountable
- Settable in 15 minute segments.
- 16A 250V AC normally open output contact.
- 72 hour battery back up with a replaceable battery



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
TC1M	16A	230V	1

▲ Digital 7 Day Timer

- DIN Rail mountable.
- Digital Time Clock.
- Single Channel 24hr 7 day programmable.
- 8 ON and 8 OFF programs.
- Volt free changeover contact 16A 250VAC



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
DTC	16A	230V	2

▲ Delay Timer

- Allows communal lighting to be switched on via multiple switches and automatically switched off after a predefined time delay.
- Designed for lighting circuits.
- Can be used with an infinite number of input switches.
- Adjustable delay period from 30 seconds to 20 minutes.
- Manual override switch.
- DIN rail mountable



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Module Width
TCS	16A	230V	1

▲ Installation Contactors 230V

- N/O poles.
- 230V AC contactor for domestic applications & DIN rail mounting.
- Suitable for housing within a consumer unit or modular enclosure.
- 230V AC contactor for household and similar purposes.
- IEC61095.
- Utilization Category AC 7A and AC 7B.



Technical Details



Part Number	Rated Current	Rated Operating Voltage	Device Modules
IC20	20A	230V	1
IC40/2	40A	230V	2
IC24/4	24A	230/400V	2
IC63/4	63A	230/400V	3

▲ Bell Transformers - 8VA

- Rated voltage (primary) 230V/50Hz.
- Rated output current 1A/8V, 0.67A/12V and 0.33A/24V.
- Maximum cable capacity 4mm.
- Multiple voltage output options 4, 8, 12, 16, 24V.
- DIN Rail mounting.



Technical Details



Part Number	Rated Operating Voltage	For Cables Ø
BT	230V	< 4 mm ²

Output		Terminals
4V	2A	2-3
8V	1A	1-2
12V	0.66A	1-3
16V	0.5A	2-4
24V	0.33A	1-4

▲ Control Station Emergency Stop

- Features a highly visible, easy-to-operate Emergency Stop button for immediate machine shutdown
- Supplied with a Normally Closed contact block for reliable and simple integration into safety control circuits.
- Heavy-duty design with IP55-rated enclosure.



Technical Details



Part Number	Auxiliary Contact
PB-ESS	1 Normally Closed (1N/C)



6

Terminal Blocks

INNOVATIVE DESIGN

Facilitating efficient connections with Flexibility and Ease.

Lewden's Terminal Blocks represent electrical expertise and innovative design. Engineered for diverse applications, from complex industrial machinery to renewable energy systems, the range offers unparalleled durability and versatility. It is crafted for seamless integration, ensuring reliability, safety, and efficiency. Trust Lewden for connections that power progress in every industry.

- Equipped with dual screw termination and 3mm Allen screw terminals.
- Rated IP20 and tested to withstand temperatures upto 960 degrees C.





▲ Terminal Blocks



SLIDE
AND LINK
TOGETHER
EASILY

“ SOLID CONNECTIONS. ZERO COMPROMISE... <

When I'm wiring up a board, I want terminals that bite down tight - no slip, no hassle. Lewden's terminal blocks come with dual screw terminations and 3mm Allen screw terminals that give a rock-solid grip on every connection. They're IP20 rated, flame-retardant, and tested to handle up to 960°C, so you know they're built for the real world. Screw, there's a block for every job. Tough, tidy, and trade-approved.



▲ Distribution Terminal Blocks

- 5 Way Single Pole Distribution Terminal Blocks - 100A <690VAC
- Can accept up to 5 conductors with a generous cable capacity from 2.5 to 35mm²
- Dual screw terminations to ensure secure and reliable connections
- Ingress Protection IP20; 960°C glow wire tested
- Secure cover with wire locking capability
- Colour coded for easy identification
- Sold in a box quantity of 5 per color



Technical Details



Part Number	Colours	Dimensions H x W x D (mm)
DT1005BR	Brown (L1)	68 x 50 x 43.5
DT1005BK	Black (L2)	68 x 50 x 43.5
DT1005GY	Grey (L3)	68 x 50 x 43.5
DT1005BL	Blue (N)	68 x 50 x 43.5
DT1005GN	Green (Earth)	68 x 50 x 43.5
DT1005PK	Pink (Functional Earth)	68 x 50 x 43.5

DIN Rail Terminals

▲ Grey DIN rail terminals

- IEC60947-7-1
- Screw Termination
- 50/60 Hz.



Technical Details



Part Number	Suitable for Cable Cross Section	Rating
GT2.5	2.5 mm ²	24A, AC 230/400V
GT4	4 mm ²	32A, AC 230/400V
GT6	6 mm ²	41A, AC 230/400V
GT10	10 mm ²	57A, AC 230/400V
GT16	16 mm ²	76A, AC 230/400V
GT35	35 mm ²	125A, AC 230/400V

▲ Green / Yellow earth DIN rail terminals



Technical Details



Part Number	Suitable for Cable Cross Section	Rating
ET2.5	2.5 mm ²	24A, AC 230/400V
ET4	4 mm ²	32A, AC 230/400V
ET6	6 mm ²	41A, AC 230/400V
ET10	10 mm ²	57A, AC 230/400V
ET16	16 mm ²	76A, AC 230/400V
ET35	35 mm ²	125A, AC 230/400V

Accessories



Technical Details



Jumperbar

2.5JUMPERBAR

Cross connects up to 10 x GT2.5 ; can be cut to suit.



End cap for GT2.5-GT16

T-EC

Fits Grey DIN Rail Terminals GT2.5 - GT16

Note: GT16 & GT35 do not require end caps.



Steel

DINRAIL

Steel 5x1m Lengths per pack



End stop

T-ES

Technopolymer recyclable material.
DIN Rail slotted, EN60715, Steel Persivated.



Clip In Blank Terminal ID Marker

Part Number	Description
ID3	ID Marker for 2.5mm ² terminal
ID5	ID Marker for 4mm ² terminal
ID10	ID Marker for 10mm ² terminal
ID16	ID Marker for 16mm ² terminal
ID6/35	ID Marker for 6 and 35mm ² terminal



Bus bars

SPB-1P
2PB-1P
3PB-1P
4PB-1P

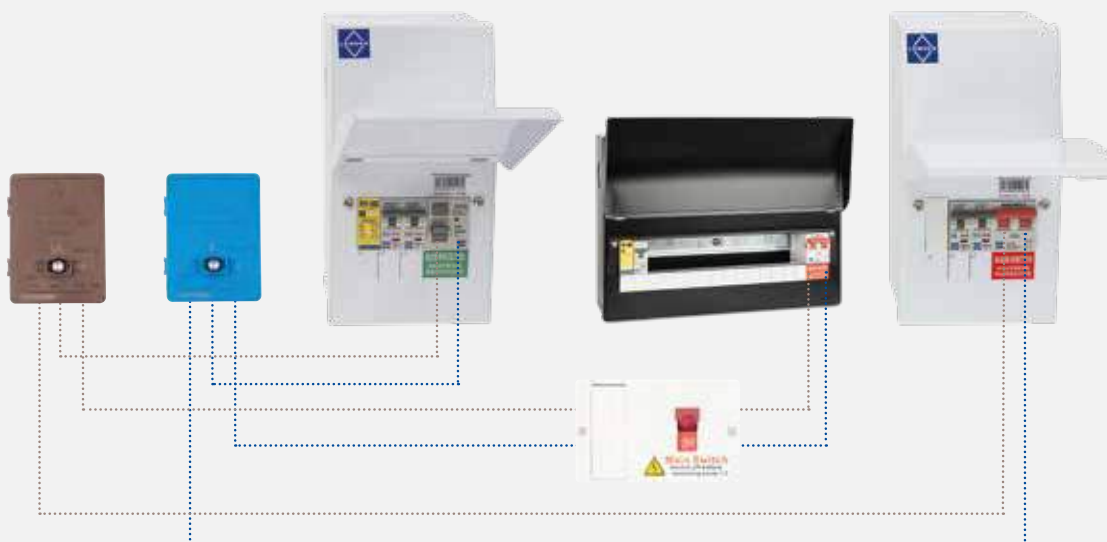
Insulated copper busbar 100A pin type
Supplied in 1 m lengths, 18mm pitch



The Electricians' Choice

Designed for secure terminations

Designed for secure terminations across various applications, offering simplicity in installation and maintenance.



The Electricians' Choice



DESIGNED
TO ENSURE
SAFE
TERMINATIONS

**100A
DISTRIBUTION
TERMINAL
BLOCKS**



**COLOUR
CODED
FOR QUICK
IDENTIFICATION**



**UP TO 5
CONDUCTORS**
2.5 to 35mm²



Scan the QR code
to explore the range

Lewden.com





7

Surge Protection Devices



The Electricians' Choice

PROTECTING WHAT MATTERS MOST

Surge Protection Devices (SPDs) are essential for safeguarding both people and property from transient overvoltages caused by lightning strikes or switching operations. At Lewden, our surge protection solutions are designed with installers in mind - ensuring compliance with the latest regulations while being fast and easy to install.

Installer-Focused, Regulation-Ready.

With increasing reliance on sensitive electronics, Regulation 443.4 of the 18th Edition Wiring Regulations (BS 7671) mandates surge protection for many installations. Our SPDs are engineered to exceed these standards, making them the trusted choice across domestic, commercial, and industrial applications.



> “STAY AHEAD OF THE SURGE...”

A surge can fry a system in a flash - that's why I don't mess about. Lewden's surge protection kicks in within microseconds to keep sensitive kit safe. The modular cartridges are a win too - swap 'em out without replacing the whole unit. You've got built-in indicators for a quick check, and they work across the board - resi, commercial, or industrial. It's the kind of protection you fit once and trust every time the lights flicker.



▲ The Lewden Advantage



> Compact & Modular

- Slim design to fit easily in consumer units or distribution boards.

> High Discharge Capacity

- Reliable protection even in the harshest electrical environments.

> Visual Fault Indicators

- Clear end-of-life indicators for instant maintenance feedback.

> Replaceable Cartridges

- Maintain protection with minimal downtime.

> Applications

- Ideal for residential homes, apartment blocks, offices, schools, and public buildings - wherever continuity of service and equipment protection are mission-critical.

Surge protection devices

Single phase SPDs

- Fits directly to the comb busbar in PRO consumer units
- No dedicated MCB required
- Suitable for use with maximum back up fuse 100A
- Mechanical flag and volt free changeover signalling contact for end of life indication
- Suitable for use in TN-C-S (PME) / TNS / TT network systems
- SRG1V1G features a volt free signaling changeover contact & twin earth terminals
- SRGT2B - Compact design for consumer units fits directly to comb busbar.
- IEC61643-11



Technical Details



Part Number	Type	Voltage Protection Level (Up) L/N	Nominal discharge current (In/Imax) 8/20 µs	Triggering Voltage	Lightning impulse current (I imp / I total) 10/350 µs	Config.	Modular Width
SRGT2B	Type 2	<1.5kV	20/40kA	275 VAC	-	1+1 (Connection Type CT2)	1
SRG1V1G*	Type 2	1.25kV	20/40kA	275 VAC	-		2
SRG1123*	Type 1&2	1.3kV	20/50kA	280 VAC	12.5/25kA		2

* Can be installed in 5MODMC enclosure

Surge protection kit

- The kit comprises Type 2 SPD and 6 mm² connection cables.
- Suitable for use in TN-C-S (PME) / TN-S and TT networks.



Technical Details



Part Number	Description
SRGT2B-KIT	SRGT2B + Cable set for Lewden Consumer Units

Scan to access the CPD course on SPDs from our Lewden Academy



Single phase retrofit surge protection - Type 2

- For installations where surge protection cannot be accommodated within the existing consumer unit
- Available in either metal or insulated weatherproof ABS enclosures
- Utilizes SRGT2CU type 2 single phase surge arrester
- Suitable for use in TN-C-S (PME) / TNS / TT network systems



Technical Details



Part Number	Description
SRG1VCU-RM	IP20, Steel enclosure c/w Main Switch, 40A MCB and SRGT2CU
SRG1VCU-RP	IP55, Plastic Enclosure c/w Main Switch, 40A MCB and SRGT2CU

▲ Type 1 & 2 Combined Surge Protection Devices



Technical Details



Part Number	Type	VAC	Description
SRG1123	1, 2	230V	Single phase - Type 1, 2
SRG3123	1, 2	400V	Three phase - Type 1, 2

Nominal Discharge Current	Max Discharge Current	Earthing Systems	Voltage protection level	Standards
20kA 8/20μs	50kA 8/20μs	TN-C-S / TN-S / TT network systems	<1.3kV	EN61643-11

▲ Type 2 Surge Protection Devices



Technical Details



Part Number	Type	VAC	Description
SRG1V1G	2	230V	Single phase - Type 2
SRG3V1G	2	400V	Three phase - Type 2

Nominal Discharge Current	Max Discharge Current	Earthing Systems	Voltage protection level	Standards
20kA 8/20μs	40kA 8/20μs	TN-C-S / TN-S / TT network systems	<1.25kV	EN61643-11

Scan to access the CPD course
on SPDs from our Lewden Academy



▲ Enclosed Surge Protection Device - Single Phase (IP65)



Technical Details



Part Number	Description	SPD Type	Protection/ Isolation device	Enclosure dimensions (HxWxD) mm
WME-SPD1PT1	IP65 Steel Enclosure fitted with Single Phase Type 1-2 SPD (SRG1123)	1-2	63A gG Fuse	400 x 300 x 150
WME-SPD1PT2	IP65 Steel Enclosure fitted with Single Phase Type 2 SPD (SRG1V1G)	2	40A 2P MCB	400 x 300 x 150

▲ Enclosed Surge Protection Device - Three Phase (IP65)



Technical Details



Part Number	Description	SPD Type	Protection/ Isolation device	Enclosure dimensions (HxWxD) mm
WME-SPD3PT1	IP65 Steel Enclosure fitted with Three Phase Type 1-2 SPD (SRG3123)	1-2	63A gG Fuse	400 x 400 x 200
WME-SPD3PT2	IP65 Steel Enclosure fitted with Three Phase Type 2 SPD (SRG3V1G)	2	40A 3P MCB	400 x 300 x 150



8

Fire-Rated Products



The Electricians' Choice

BUILT TO WITHSTAND

A comprehensive toolkit designed to withstand fire conditions, mechanical stress, and environmental challenges, they ensure that essential systems remain operational or can be safely isolated during emergencies.

▲ The Lewden Advantage



> 120-Minute Fire Resistance

- Designed for operational stability at 400°C for 120 minutes according to EN 12101-3.

> Pre-Fitted Intumescent Seals

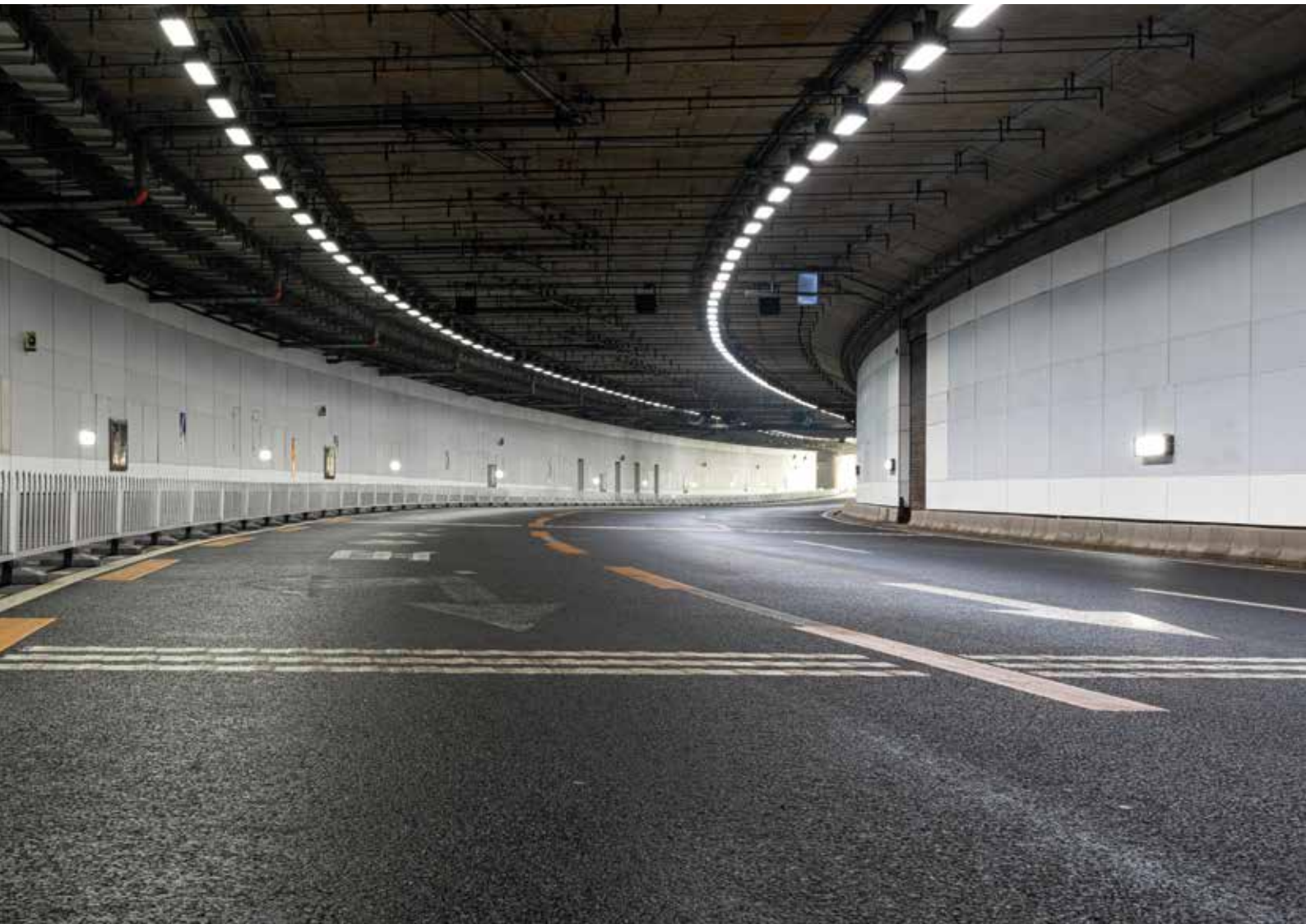
- Fitted to seal gaps and prevent the spread of smoke and fire.

> Simple Installation

- Time-saving design for retrofit or new installations.

> Bold Finish

- The covers are bold to clearly identify the product.



“ WHEN IT GETS HOT, THIS GEAR HOLDS THE LINE... <

In a fire, every second matters - and the kit I install needs to keep doing its job no matter what. Lewden's fire-rated gear keeps power flowing to emergency lights, alarms, smoke fans - all the systems that help people get out safe. It's rated to BS EN 12101-3 and BS 8434-2, so I know it'll hold up when the heat's on. Whether it's a tower block, station, or hospital - this is the stuff I trust to keep circuits alive when lives depend on it.





The Electricians' Choice

Switch Disconnectors - Fire rated



▲ Fire rated F400 isolator switch in aluminium alloy

High visibility handle

The high visibility operating handle, patented by Palazzoli, allows even non-expert users to immediately understand the switch status.

Full rated AC3-AC23A category

The isolator Switch is AC3-AC23A at rated current that allows safe operation even with highly inductive loads (e.g. Motors).

Customisable entry flanges

Cable entries can be easily customised by using blind or threaded flanges.



Technical Details



Scan the QR code to explore our complete range of Isolator Switches.

Technical Data

Reference Standard	EN 60947-3 / EN12101-3 (400°C for 120 minutes)	Operating Voltage	Up to 500V
Enclosure Material	Aluminium alloy	Resistance to impacts (IEC/EN 62262)	IK10
Ingress Protection Rating (IEC/EN 60529)	IP66/IP67 (16A-63A) IP55 (125A-200A)	Insulation class	I
Finish Colour	RAL7035 - Base RAL3020 - Cover	Glow Wire Resistance	960 °C Switch
		Operating temperature	-25°C - +70°C

Range

Part Number	Rated current (A)	Poles	Dimensions (HxWxD) mm	Window Type
152130	16	3	125x92x138	blind walls
152140		4		blind walls
152160	25	6	185x125x173	blind walls
152230		3		blind walls
152240		4		blind walls
152260	40	6	252x185x230	blind walls
152330		3		blind walls
152340		4		blind walls
152360	63	6	315x220x240	blind walls
152430		3		blind walls
152440		4		blind walls
152460	125	6		F3
152530*		3		
152540*	160	4		F3
152631*		3		
152641*	200	4		F3
152630*		3		
152640*		4		See accessories table below

Equipment included: earth terminal, inside and outside the box. Gasket.

* The protection rating is IP55. Wall-mounted isolator switches with windowed walls.

* 2xFlanges required from selection below.

Rated operating current

Thermal current Ith	A	16A	25A	40A	63A	125A	160A	200A
AC21A 415V 500V	A	16	25	40	63	125	160	200
AC22A 415V 500V	A	16	25	40	63	125	160	200
AC23A 230V 400V 500V	A	16	25	40	63	125	160	200
AC23A 230V 400V 500V	KW	5.1	8.0	12.7	20.1	31.8	51.0	63.7
AC23A 400V 500V	KW	8.9	13.9	22.2	34.9	55.4	88.7	110.9
AC23A 500V	KW	11.1	17.3	27.7	43.6	69.2	110.9	138.6
AC3 230V 400V 500V	KW	4.5	6.4	11.2	17.5	25.5	25.5	31.9
AC3 400V 500V	KW	7.8	11.1	19.4	30.5	44.3	44.3	55.4
AC3 500V	KW	9.7	13.9	24.2	38.1	55.4	55.4	51.9

Wiring data	16A	25A	40A	63A	125A	160A	200A
Entry cable cross-section	mm ²	1-4	1.5-6	4-10	6-16	16-70	16-70
Tightening torque	Nm	1,5	2	3	6	6	6

Accessories

Flanges, in aluminium alloy with metric thread & Blind Flange flat, in steel for windowed walls

For windows	Threading type	Projection (mm)	Palazzoli code
F3	M40	51	540190
F3 (Blind)	-	6	540033



Cable glands in nickel-plated brass with metric threading IP68

Threading	Max mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12,5	2,5-6,5	6,5	582012	100
M16x1,5	16,5	4-9,5	7	582016	50
M20x1,5	20,5	7-13	8	582020	50
M25x1,5	25,5	8-16	8	582025	25
M32x1,5	32,5	11-21	9	582032	20
M40x1,5	40,5	15-27	9	582041	10
M50x1,5	50,5	22-35	10	582050	5

Fire-Resistant Junction Boxes

▲ Fire-resistant junction boxes in Technopolymer - IP56



Technical Details



Part Number	Outer dimensions (mm)	Hole type
151700	160 x 120 x 75	
151702	200 x 155 x 75	
151703	250 x 185 x 130	

Equipment included: 4 cable grommets.
Features: blind walls with M20, M25, M32 M40 knock-out opening.

▲ Fire-resistant junction boxes in Steel - IP66



Technical Details



Part Number	Outer dimensions (mm)	Hole type
151301	150 x 150 x 90	
151304	250 x 250 x 130	

Equipment included: 4 cable grommets.
Features: wall inlet holes. Code 151301 prepared for 1 fuse holder base; code 151304 prepared for 2 fuse holder bases.

Explore More with Our Diverse Range of Junction Boxes

Aluminium Alloy Junction Boxes

Versatile junction boxes specifically engineered for reliability in harsh environments with ingress protection rating IP66/IP67 and IK08 impact resistance.

GRP Junction Boxes

Heavy-duty junction boxes manufactured from aluminum alloy material with ingress protection rating IP67/IP68 and IK08 impact resistance.

Thermoplastic Junction Boxes

Available in a versatile range of 7 sizes, manufactured from high quality self extinguishing ABS material with ingress protection rating IP67/IP68 and IK08 impact resistance.





The Electricians' Choice



Die Cast Aluminium Switches



Switches in Technopolymer



Fire Rated Switches



Switched Interlocked Sockets



Heavy Duty Switches Aluminium



Heavy Duty Switches GRP



Hazardous Areas Switches



Multi-diagram control Switches



Switch Disconnectors & Switch Fuses

The most suitable solution
for every environment,
for every need



9

EV Ecosystem

EV ECOSYSTEM

A comprehensive solution for the evolving needs of electric mobility.

As the world moves toward a more sustainable future, the shift to electric vehicles (EVs) is accelerating rapidly. However, the success of this revolution depends not only on the vehicles themselves but also on the robust infrastructure that supports them. Lewden offers a comprehensive EV ecosystem that ensures efficient, safe, and scalable charging solutions for both residential and commercial applications.



> Customizable EV Feeder Pillars

- EV Feeder Pillars offering highly customizable power distribution across multiple charging points. Tailored to deliver between 100A and 630A, these pillars can be adapted to various applications, from large car parks to public charging stations.



> EV Consumer Units

- Designed for residential retrofitting applications where EV chargers are to be added to an existing installation.
- Options for both Indoor and Outdoor installations
- Suitable for use with 7.4 kW residential EV chargers.



> Terminal Blocks

- 5 Way Single pole distribution terminal blocks – 100A, crafted for seamless integration, ensuring reliability, safety and efficiency.
- More information on Pages 71-76.



> 7.4 kW Siena AC Charger

- Available as Un-tethered socket outlet and Tethered Outlet with 5M charging cable.
- Smart connectivity through the Monta app using Wi-Fi, Bluetooth, or Ethernet for complete convenience.



> Pro Consumer Units with Surge Protection

- A comprehensive consumer unit range comprising a 100A DP main switch with overload and residual current protection provided on each individual final circuit by RCBOs.
- More information on Page 16.



> Sub Distribution

- 100A DP Metal Fused Switch & 80A Domestic Fused Switch
- More information on Page 46.



> Electricity Isolation

- Electricity Isolator & Switch available in 2 module enclosure complete with 100A DP Main Switch, or in 4 module enclosure complete with 100A 4P Main Switch.
- More information on Page 47.



For residential installations, Lewden offers a complete suite of products that seamlessly integrate into existing electrical systems, ensuring safety, compliance, and ease of use. The recently launched Siena 7.4kW Smart Charger, coupled with Lewden's specialized EV consumer units, enables households to easily adopt EV charging while ensuring optimal load management and protection.

In the commercial sector, Lewden's EV solutions are designed to meet the demands of large-scale operations. From customizable EV Feeder Pillars to advanced three-phase distribution boards, Lewden provides the flexibility and reliability required to power multiple charging stations in complex environments, such as public car parks and commercial spaces.

By integrating all components into a cohesive ecosystem, Lewden ensures that every charging experience - whether residential or commercial - is reliable, future-ready, and sustainable.

> Smart Connectivity

- Control your charging through the Monta app using Wi-Fi or Ethernet for complete convenience.

“FROM GRID TO CAR - ONE SMART, SEAMLESS SYSTEM...”

I don't just want a charger - I want a full system that works from install to everyday use. Lewden's EV range ticks the lot: tethered or untethered, OZEV approved, packed with safety features, and simple to commission. Smart load management? Built in. Remote monitoring? No problem. Whether I'm wiring a home charger or setting up commercial bays, I know Lewden's kit is built to work now and ready for what's next.”



CUSTOMIZABLE DISTRIBUTION CABINETS FOR MULTIPLE EV CHARGING TAILOR-MADE TO SUIT YOUR BESPOKE NEEDS

The Lewden range of EV Feeder Pillars are designed to provide power distribution to multiple EV charging points.

- > The standard range is available in five different current ratings 100A, 125A, 200A, 400A & 630A.
- > Enclosures are manufactured from durable steel finished with textured powder coat, and ingress protection of IP55 (A selection of RAL Colours available) vandal-resistant lockable doors, pre-drilled gland plates for easy termination of armoured cables, a base plinth for stable surface mounting, and an access cover to facilitate cable routing and installation.
- > Internal shielding panels fully shroud electrical connections.
- > Type 2 Surge protection device.



> Electric vehicle feeder pillars

Incoming Supply	Outgoing Ways and Ratings	Part Number
100A TPN+E	9 x 7.4kW - 1ph	EV10A*#
	3 x 22kW - 3ph	EV10B*#
	1 x 50kW - 3ph	EV10C*#
125A TPN+E	12 x 7.4kW - 1ph	EV12A*#
	4 x 22kW - 3ph	EV12B*#
	2 x 43kW - 3ph	EV12C*#
200A TPN+E	18 x 7.4kW - 1ph	EV20A*#
	3 x 43kW - 3ph	EV20B*#
400A TPN+E	12 x 22kW - 3ph	EV40A*#
	6 x 43kW - 3ph	EV40B*#
	5 x 50kW - 3ph	EV40C*#
630A TPN+E	18 x 7.4kW - 3ph	EV63A*#
	10 x 43kW - 3ph	EV63B*#
	7 x 50kW - 3ph	EV63C*#

* = Construction Material * Option - Zintec Mild Steel = Z or Stainless Steel = S
Ordering Example : EV10AZD # = Incoming Device # Option - Switched Disconnect = D or MCCB = M
All Pillars are equipped with Type 2 Surge and Anti Condensation Heaters as standard.



Technical Details



> Customize as you wish!

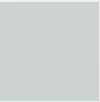
The number and current ratings of each output circuit can be varied according to your requirements and specifications.

> Root Attachment

An additional Stainless steel root attachment is available for mounting onto the base of any standard cabinet, allowing for the pillar to be secured to the root which has been embedded into the ground during construction, and providing a large open cable duct beneath the feeder pillar.

Part.no	Suitable for Feeder Pillar codes
EVFPS1	EV10C
EVFPS2	EV10A EV10B EV12A EV12B EV12C EV20A EV20B
EVFPS3	EV40A EV40B EV40C EV63A EV63B EV63C

> Colour finish options - Free of charge

				
Moss Green RAL6005 Standard colour	Light Grey RAL7035	Dark Grey RAL7011	Jet Black RAL9005	High Visibility Orange RAL2000

Additional colour options available on request (at additional cost)

EV consumer units (indoor installation)

A range of consumer units designed for residential retrofitting applications where EV CHARGERS are to be added to an existing installation. Available with the option of Type A or Type B RCCB's and 40A MCBs making them compatible with 7.4kW EV Chargers.

- Suitable for use with 7.4kW residential EV chargers (32A).
- 63A 30mA RCCBs available in Type A and B, providing isolation of both Live conductors.
- Available pre-fitted with Type 2 SPD.
- Meets the requirements of Section 722 of BS7671.
- Assembly rating: 32A

▲ 40A with Type A Bi-Directional RCCB



Technical Details

Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40A	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB	5

▲ 40A with Type A Bi-Directional RCCB & Surge Protection



Technical Details

Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40AS	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD - 100A , 2P Main Switch	9

▲ 40A with Type B Bi-Directional RCCB



Technical Details

Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40B	- 40A 6kA B Curve MCB - 63A 2P 30mA Type B RCCB	5

▲ 40A with Type B Bi-Directional RCCB & Surge Protection



Technical Details

Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40BS	- 40A 6kA B Curve MCB - 63A 2P 30mA Type B RCCB - Type 2 SPD - 100A , 2P Main Switch	9

▲ 40A with Type A RCCB & Surge Protection (Metal - IP65)

- Anthracite grey finish.
- Enclosure lid is padlockable using MCB LOCK (to be purchased separately).
- Assembly rating 32A (7.4kW).



Technical Details



Part Number	Description	Enclosure Size (Modules)
PRO65-REV40AS	- 100A DP Main Switch - 40A 6kA B Curve MCB - 63A Bi-directional 30mA Type A RCCB - Type 2 SPD	6

▲ 40A with Type A Bi-Directional RCCB/ RCBO & Surge Protection (Metal - IP65)

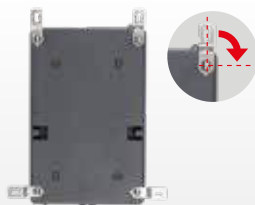


Technical Details

Part Number	Description	Enclosure Size (Modules)
PRO65-4BR40AS	- 100A DP Main Switch - B40A 6kA Bi-directional RCBO 30mA Type A - Type 2 Surge Protection - 2 spare ways (flanged)	6



- Drop down access cover which can remain in the open position.
- Padlockable cover 3mm diameter for shackle (lock not included).



- Wall mount installation can be achieved by drilling through the rear of the enclosure, or by using the external wall mount brackets provided. External brackets can be positioned in two orientations.



Shrouded neutral bar

- Populated with Main Switch 100A 2P, Type 2 Surge Protection Device, and B40A 1P 6kA MCB + Bidirectional type A 30mA RCD.
- Generous wiring space for conductors up to 16 mm².

▲ 40A with Type A RCCB & Surge Protection (Polycarbonate - IP65)



Technical Details



Part Number	Description	Enclosure Size (Modules)
IP65-REV40AS	- 100A , 2P Main Switch - 40A 6kA B Curve MCB - 63A Bi-directional 30mA Type A RCCB - Type 2 SPD - IP65, weatherproof - Assembly rating 32A (7.4kW)	6

▲ 40A with Type A Bi-Directional RCCB / RCBO & Surge Protection (Polycarbonate - IP65)



Technical Details

Part Number	Description	Enclosure Size (Modules)
IP65-4BR40AS	- 100A DP Main Switch - B40A 6kA Bi-directional RCBO 30mA Type A - Type 2 Surge Protection - 2 spare ways (flanged)	6



- Reserve a position for functional stickers on the face frame and clearly view the control area of the components.
- Padlockable cover (lock not included).



- Smooth walls allow cable entry from all faces.



- Populated with Main Switch 100A 2P, Type 2 Surge Protection Device, and B40A 1P 6kA MCB + Bidirectional type A 30mA RCD.
- Wiring space suitable for conductors up to 6 mm².



The Electricians' Choice



SIENA®

EASY & EFFICIENT INSTALLATION



Powered by
Monta

OZEV APPROVED

Also approved for the international market*
*Approved for installation in Kuwait and Indonesia.



Unique Backplate Design

The detachable backplate simplifies installation, allowing electricians to securely mount and wire the system with greater precision and ease, reducing the risk of damage during installation and making maintenance more straightforward.



Scan the QR code
for our complete
EV offer



Versions

Part Number	Description
672150	7.4kW Single phase un-tethered socket outlet with PEN Fault Protection
672151	7.4kW Single phase tethered outlet with 5m charging cable with PEN Fault Protection
672152	7.4kW Single Phase un-tethered socket outlet without PEN Fault Protection
672153	7.4kW Single Phase tethered socket outlet without PEN Fault Protection
672350	22kW Three phase un-tethered socket outlet with PEN Fault Protection
672352	22kW Three Phase un-tethered socket outlet without PEN Fault Protection

For Dimensional Drawings see Page 124

Accessories



RFID FOB

Part numbers: 672900

RFID access control - tap the fob for safe and secure, app-free charging.



Split CT Core

Part numbers: 672901

The Siena EV Charger comes with a split-core current transformer (CT) for dynamic load balancing. An Optional split-core CT enables seamless solar integration, allowing the charger to optimise energy use by drawing power directly from your solar system for efficient, eco-friendly charging.

SIENA®

EASY FIT • SMARTER CHARGE

SMART CONTROL



LEWDEN CONNECT APP for easy commissioning

- Free to use.
- Enables basic settings and network configuration.
- View charging history and fault logs.
- Includes Electrician Test Mode for streamlined commissioning.
- **Monta charge mode:** Full smart charging functionality.
- **Free charge mode:** Plug in and charge with no restrictions.
- **RFID charge mode:** Plug in and charge with user access control.



MONTA APP for smart charging

- Free to use for home charging.
- Commercial solutions available for multi-charger sites (subscriptions may apply).
- Simple onboarding for warranty registration, remote support, and firmware updates.
- Schedule charge times or set completion deadlines.
- Apply charging rules for lowest cost, low CO₂, or high renewable energy availability.
- Use **PowerBank mode** to support the grid and earn Monta Wallet credits.
- Set charge amount (kWh), or charge immediately when needed.
- Simplified onboarding for warranty, support, and updates.



Easy Commissioning with Video Guidance

Simply scan the QR code to complete setup in minutes.



Android users



iOS users



Lewden
Connect App

Technical support

Lewden EV Support Engineer
WhatsApp Support Line
+44 (0) 7764 293 501
evcharging@lewden.co.uk



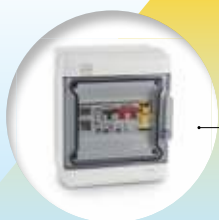
Monta App

Technical support

- **Online Guides:**
<https://monta.com/en/help-center/>
- **Customer Contact:**
<https://monta.com/en/contact/>
- **Within Monta App:** /me/support

DISCOVER OUR COMPLETE RANGE OF **EV CHARGING** SOLUTIONS!

Residential



Public/ Commercial / Industrial



**Our comprehensive range offers
seamless integration of EV infrastructure
with charging technology.**



Discover our
Full EV solutions.

Send us your enquiries on: evcharging@lewden.co.uk



10

Plugs & Socket Outlets



The Electricians' Choice

TOP PERFORMANCE

Lewden offers a versatile range of plugs, connectors, and interlocked socket outlets designed for a variety of industrial and commercial applications. These products are constructed using durable materials such as thermoplastic, techno polymer, and aluminium alloy, etc. ensuring they withstand harsh environmental conditions while maintaining high-performance standards. The product range includes both wall-mounted and flush-mounted solutions, with options featuring mechanical and electrical interlocks to enhance safety by preventing accidental disconnections under load. Designed for current ratings ranging from 16A to 250A and with IP ratings up to IP69, these plugs, connectors and interlocked socket outlets are available in multiple configurations, making them ideal for environments where high durability and safety are critical, such as manufacturing, infrastructure, and marine applications.

▲ Plugs & Socket Outlets

General Purpose



> MULTIMAX

- Quick-mounting mobile plugs & socket-outlets
- IP44 / IP67
- Available from 16A up to 63A

Heavy Duty



> X-CEE

- Safety Performance Mobile plugs & socket-outlets
- IP66/ IP67/ IP68/ IP69
- Available from 16A up to 125A



SPARKY
SAYS!

“ CONNECTIONS YOU CAN COUNT ON...

These ain't your average sockets - Lewden's plugs and outlets are made to graft. They're built tough for site life, IP44 to IP67 rated, and can handle whatever voltage or current I throw at them. With solid grips, safety shutters, and kit that locks in clean, I know I'm covered indoors, outdoors, rain or shine. Whether it's plant gear, tools, or power distribution - I plug in once, and it stays sorted.



Ingress protection
IP66/67/68/69

Impact
resistance **IK10**

Plug and socket inserts
can be installed:

- on straight or angled panel-mounted flanges.
- on the boxes by using straight or angled flanges to achieve 65° or 85° angled connections and reduce overall dimensions.

▲ Switched Interlocked Sockets

General Purpose



> TopTER

- Compact Vertical Switched Interlocked Sockets.
- IP44 / IP55/ IP66 / IP67
- Available from 16A up to 63A

> PRIMA

- Compact Horizontal Switched Interlocked Sockets
- IP44/ IP55
- Available from 16A up to 32A

Heavy Duty



> TAIS & Alupres

- Switched Interlocked Sockets in Thermosetting GRP & Aluminium
- IP66/ IP67/ IP69
- Available from 16A up to 125A

> X-CEE Rotor

- Safety Performance Switched interlocked socket with Rotoswitch
- IP66/ IP67/ IP68/ IP69
- Available from 16A up to 125A

▲ Multiple Socket-Outlet Combinations



> Pre-wired socket-outlet combinations

- 2 Gang & 3 Gang options in vertical and horizontal configurations.
- IP44/ IP55/ IP66



Technical Details

Plugs & Connectors (General Purpose Multimax series) IP44 / IP67



Rated current A	Rated voltage V	Clock Position	Poles	IP44		IP67	
				Plug	Connector	Plug	Connector
16	● 110	4h	2P+⊥	PM16/1000FPB 700124LW	PM16/2000FPB 720124LW	710124	730124
		4h	3P+⊥	700134	720134	-	-
		4h	3P+N+⊥	700144	720144	-	-
	● 230	6h	2P+⊥	PM16/1100FPB 700126LW	PM16/2100FPB 720126LW	710126	730126
		9h	3P+⊥	700139	720139	-	-
		9h	3P+N+⊥	700149	720149	-	-
	● 400	9h	2P+⊥	700129	720129	-	-
		6h	3P+⊥	PM16/1500FPB 700136LW	PM16/2500FPB 720136LW	710136	730136
		6h	3P+N+⊥	PM16/1800FPB 700146LW	PM16/2800FPB 720146LW	710146	730146
	● 230	4h	2P+⊥	PM32/1000FPB 700224LW	PM32/2000FPB 720224LW	710224	730224
		4h	3P+⊥	700234	720234	-	-
		4h	3P+N+⊥	700244	720244	-	-
		6h	2P+⊥	PM32/1100FPB 700226LW	PM32/2100FPB 720226LW	710226	730226
		9h	3P+⊥	700239	720239	-	-
		9h	3P+N+⊥	700249	720249	-	-
32	● 400	9h	2P+⊥	700229	720229	-	-
		6h	3P+⊥	PM32/1500FPB 700236	PM32/2500FPB 720236	710236	730236
		6h	3P+N+⊥	PM32/1800FPB 700246	PM32/2800FPB 720246	710246	730246
	● 230	6h	2P+⊥	-	-	710326	730326
		6h	3P+⊥	-	-	710336	730336
		6h	3P+N+⊥	-	-	710346	730346
63	● 400	6h	2P+⊥	-	-	710326	730326
		6h	3P+⊥	-	-	710336	730336
		6h	3P+N+⊥	-	-	710346	730346

▲ Straight Plugs & Connectors (General Purpose Multimax Series) IP44 - Black (TV & Film)

- Specially designed for entertainment, film and HI-FI industries
- Compliance with standards IEC/EN 60309-1/2
- Rated current up to 32A
- IK08 rating as per IEC/EN 62262
- Thermoplastic grip material



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP44 - Black	
				Plug	Connector
16	● 110	4h	2P+⊥	705124	725124
	● 230	6h	2P+⊥	705126	725126
	● 400	6h	3P+⊥	705136	725136
	● 400	6h	3P+N+⊥	705146	725146
32	● 230	6h	2P+⊥	705226	725226
	● 400	6h	3P+⊥	705236	725236
	● 400	6h	3P+N+⊥	705246	725246

Wall mounted sockets

▲ 2 Gang socket outlets - vertical

- Industrial sockets
- Splash proof and watertight
- Simple to install
- All sockets pre-wired to a common terminal block



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating		Outlet Sockets	Dimensions (HWD) mm
				IP44	IP66 / 67		
16	110	4h	2P+⊕	PM16/540/2VW	-	2 x 16A	260x108x115
	230	6h	2P+⊕	PM16/541/2VW	-		260x108x115
	400	6h	3P+N+⊕	PM16/548/2VW	-		290 x 70 x 115
	110	4h	2P+⊕	-	PM16/640/2VW		260x108x123
	230	6h	2P+⊕	-	PM16/641/2VW		260x108x123
	400	6h	3P+N+⊕	-	PM16/648/2VW		290 x 70 x 115
13A + 16A	230	6h	2P+⊕	PM1316/541/2VW	-	1 x 13A 1 x 16A	260x108x115
	230	6h	2P+⊕	-	PM1316/641/2VW	1 x 13A 1 x 16A	290 x 70 x 115
32	400	6h	3P+N+⊕	PM32/548/2VW	-	2 x 32A	290 x 70 x 115



Technical Details

▲ Wall mounted sockets



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating			
				IP44		IP67	
				90°	15°	90°	15°
16	110	4h	2P+⊕	508124	438124	509124	439124
	230	6h	3P+⊕	508126	438126	509126	439126
	230	6h	3P+N+⊕	508136	438136	509136	439136
32	110	4h	2P+⊕	508224	438224	509224	439224
	230	6h	2P+⊕	508226	438226	509226	439226
	400	6h	3P+⊕	508236	438236	509236	439236
	400	6h	3P+N+⊕	508246	438246	509246	439246
63	230	6h	2P+⊕	-	-	509326	-
	400	6h	3P+⊕	-	-	509336	-
	400	6h	3P+N+⊕	-	-	509346	-

▲ 2 Gang socket combinations - horizontal

- Industrial sockets
- Splash proof and watertight
- Simple to install
- All sockets pre-wired to a common terminal block



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating		Outlet Sockets	Dimensions (HWD) mm
				IP44	IP55		
16A	110	4h	2P+⊕	PM16/540/2HW	-	2 x 16A	103 x 206 x 133
	230	6h	2P+⊕	PM16/541/2HW	-	2 x 16A	103 x 206 x 133
	110	4h	2P+⊕	-	PM16/640/2HW	2 x 16A	103 x 206 x 133
	230	6h	2P+⊕	-	PM16/641/2HW	2 x 16A	103 x 206 x 133
13A + 16A	230	6h	2P+⊕	PM1316/541/2HW	-	1 x 13A 1 x 16A	103 x 206 x 133
	230	6h	2P+⊕	-	PM1316/641/2HW	1 x 13A 1 x 16A	103 x 206 x 133

PRIMA

▲ Horizontal switched interlocked socket - with backbox IP44

- Prima series designed as compact horizontal interlocked socket-outlet for distribution boards and standard applications.
- Padlockable handle in open or closed position, with max 3 mm Ø padlock.
- Compliance with standards IEC/EN 60309-1/2/4 and 60947-3.
- Rated current from 16A up to 32A.
- Operating voltage option from 110V up to 400V.
- Thermoplastic body.
- Supplied with backbox



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP44
16	● 110	4h	2P+⊥	PM16/454124LW
	● 230	6h	2P+⊥	PM16/454126LW
	● 400	6h	3P+⊥	PM16/454136LW
	● 400	6h	3P+N+⊥	PM16/454146LW
32	● 110	4h	2P+⊥	PM32/454224LW
	● 230	6h	2P+⊥	PM32/454226LW
	● 400	6h	3P+⊥	PM32/454236LW
	● 400	6h	3P+N+⊥	PM32/454246LW

▲ Horizontal switched interlocked socket - without backbox IP55

- **Backbox is required for wall mounting**
- Prima series designed as compact horizontal interlocked socket-outlet for distribution boards and standard applications.
- Padlockable handle in open or closed position, with max 3 mm Ø padlock.
- Compliance with standards IEC/EN 60309-1/2/4 and 60947-3.
- Rated current from 16A up to 32A.
- Operating voltage option from 110V up to 400V.
- Thermoplastic body.
- NOT supplied with backbox



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP55
16	● 110	4h	2P+⊥	495124
		4h	3P+⊥	495134
		4h	3P+N+⊥	495144
	● 230	6h	2P+⊥	495126
		9h	3P+⊥	495139
		6h	3P+N+⊥	495149
	● 400	6h	3P+⊥	495129
		6h	3P+N+⊥	495136
32	● 110	9h	3P+⊥	495133
		4h	2P+⊥	495224
		4h	3P+⊥	495234
	● 230	4h	3P+N+⊥	495244
		6h	2P+⊥	495226
		9h	3P+⊥	495239
	● 400	6h	3P+N+⊥	495249
		6h	3P+⊥	495229
		6h	2P+⊥	495236
	● 380/440	6h	3P+N+⊥	495246
		3h	3P+⊥	495233

Backbox Part Number 579500.

▲ Vertical switched interlocked socket - with backbox

- Padlockable handle in open or closed position, with max 3 mm Ø padlock.
- Best use for general purpose installations / applications.
- Rated current from 16A up to 32A.
- Operating voltage option from 110V up to 400V.
- Thermoplastic body.
- Supplied with backbox.



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating		
				IP44	IP65	IP66/67
16	● 110	4h	2P+÷	PM16/3300NFPB	-	-
	● 230	6h	2P+÷	PM16/3301NFPB	-	-
	● 400	6h	3P+÷	PM16/3305NFPB	-	-
	● 400	6h	3P+N+÷	PM16/3308NFPB	-	-
	● 110	4h	2P+÷	-	-	PM16/3400NFPB
	● 230	6h	2P+÷	-	-	PM16/3401NFPB
	● 400	6h	3P+÷	-	-	PM16/3405NFPB
	● 400	6h	3P+N+÷	-	-	PM16/3408NFPB
32	● 110	4h	2P+÷	PM32/3300NFPB	-	-
	● 230	6h	2P+÷	PM32/3301NFPB	-	-
	● 400	6h	3P+÷	PM32/3305NFPB	-	-
	● 400	6h	3P+N+÷	PM32/3308NFPB	-	-
	● 110	4h	2P+÷	-	-	PM32/3400NFPB
	● 230	6h	2P+÷	-	-	PM32/3401NFPB
	● 400	6h	3P+÷	-	-	PM32/3405NFPB
	● 400	6h	3P+N+÷	-	-	PM32/3408NFPB
63	● 230	6h	2P+÷	-	PM63/3401FPB	-
	● 400	6h	3P+÷	-	PM63/3405FPB	-
	● 400	6h	3P+N+÷	-	PM63/3408FPB	-

▲ Vertical Sockets - With RCDs

- IP44/IP65/IP66/IP67 Ingress Protection Rating Options
- Thermoplastic Manufacturing Material
- RCD 30mA Type A
- Transparent & padlockable RCD access window.



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating	
				IP44	IP55
16	● 110	4h	2P+ $\frac{1}{2}$	PMRCD16/300TT	-
	● 230	6h	2P+ $\frac{1}{2}$	PMRCD16/301TT	-
	● 400	6h	3P+ $\frac{1}{2}$	PMRCD16/305TT	-
	● 400	6h	3P+N+ $\frac{1}{2}$	PMRCD16/308TT	-
	● 110	4h	2P+ $\frac{1}{2}$	-	PMRCD16/400TT
	● 230	6h	2P+ $\frac{1}{2}$	-	PMRCD16/401TT
	● 400	6h	3P+ $\frac{1}{2}$	-	PMRCD16/405TT
	● 400	6h	3P+N+ $\frac{1}{2}$	-	PMRCD16/408TT
32	● 110	4h	2P+ $\frac{1}{2}$	PMRCD32/300TT	-
	● 230	6h	2P+ $\frac{1}{2}$	PMRCD32/301TT	-
	● 400	6h	3P+ $\frac{1}{2}$	PMRCD32/305TT	-
	● 400	6h	3P+N+ $\frac{1}{2}$	PMRCD32/308TT	-
	● 110	4h	2P+ $\frac{1}{2}$	-	PMRCD32/400TT
	● 230	6h	2P+ $\frac{1}{2}$	-	PMRCD32/401TT
	● 400	6h	3P+ $\frac{1}{2}$	-	PMRCD32/405TT
	● 400	6h	3P+N+ $\frac{1}{2}$	-	PMRCD32/408TT

CARAVAN HOOK-UP UNITS

SUPPLIED PRE-POPULATED, FULLY CERTIFIED



The caravan hook-up units are specialized electrical stations designed for use in caravan parks, providing secure, weatherproof, and flexible power supply options to accommodate the varied needs of caravans and motorhomes.

IEC60309 switched interlocked socket outlets.

Available in 16A or 32A with IP44 or IP67 protection against dust and water.

Circuit breaker access via a padlockable transparent polycarbonate window for added security.

Equipped with a 100A main switch and RCDs for circuit protection, including metered options for energy usage tracking.

Durable, modular design with weatherproof and UV-resistant housing, operational from -25 to +50°C for caravan park installations.



Scan the QR Code to explore the
Caravan Hookup range

RCD Interlocks

▲ Vertical switched interlocked socket - with RCD

- IP44/IP65/IP66/IP67 Ingress Protection Rating Options
- Thermoplastic Manufacturing Material
- Transparent and padlockable RCD Access window
- RCD 30mA Type A



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating			Alternative Part Numbers
				IP44	IP65	IP66/67	
16	● 110	4h	2P+⊥	PMRCD16/300SIITT	-	-	660124
	● 230	6h	2P+⊥	PMRCD16/301SIITT	-	-	660126
	● 400	6h	3P+⊥	PMRCD16/305SIITT	-	-	660136
	● 400	6h	3P+N+⊥	PMRCD16/308SIITT	-	-	660146
32	● 110	4h	2P+⊥	PMRCD32/300SIITT	-	-	660224
	● 230	6h	2P+⊥	PMRCD32/301SIITT	-	-	660226
	● 400	6h	3P+⊥	PMRCD32/305SIITT	-	-	660236
	● 400	6h	3P+N+⊥	PMRCD32/308SIITT	-	-	660246
16	● 110	4h	2P+⊥	-	-	PMRCD16/400SIITT	661124
	● 230	6h	2P+⊥	-	-	PMRCD16/401SIITT	661126
	● 400	6h	3P+⊥	-	-	PMRCD16/405SIITT	661136
	● 400	6h	3P+N+⊥	-	-	PMRCD16/408SIITT	661146
32	● 110	4h	2P+⊥	-	-	PMRCD32/400SIITT	661224
	● 230	6h	2P+⊥	-	-	PMRCD32/401SIITT	661226
	● 400	6h	3P+⊥	-	-	PMRCD32/405SIITT	661236
	● 400	6h	3P+N+⊥	-	-	PMRCD32/408SIITT	661246
63	● 230	6h	2P+⊥	-	PMRCD63/401SIITT	-	661326
	● 400	6h	3P+⊥	-	PMRCD63/405SIITT	-	661336
	● 400	6h	3P+N+⊥	-	PMRCD63/408SIITT	-	661346

topTER

PRE-ASSEMBLED

**MORE
SPACE**



**16A
32A
63A**

**IP66
IP67**

Ready for use combination and Custom made solutions

topTER is a new generation of sockets for industrial environments that have been designed for safety, reliability and durability. Long-term stability: generous interior spaces allow for optimal temperature dissipation, avoiding deteriorating and premature ageing of the board.



Scan the QR Code
to explore the TopTer range

X-CEE Series



Conformity to standards	IEC/EN 60309-1 IEC/EN 60309-2
Body material	Reinforced technopolymer
Protection rating (IP as per IEC/EN 60529)	IP66/IP67/IP68/IP69
Colour	RAL 7046 grey, RAL 5015 blue
Pin and receptacle material	Full nickel-plated brass
Resistance to abnormal heat and fire«Glow wire» as per IEC/EN 60695-2-10)	960°C (contact holders) 850°C (housings)
Self-extinguishing grade (as per UL94)	V0 (contact holders) V2 (housings)
Resistance to impacts (IK rating as per IEC/EN 62262)	IK10
Resistance to crushing	> 500Kg
Rated voltage	50V ÷ 690V (1000V on request)
Rated frequency	50Hz ÷ 500Hz and DC
Rated insulation voltage	690V
Pilot contact	63A and 125A plugs and sockets
Storage temperature	-50°C ÷ +90°C
Operating temperature	-40°C ÷ +60°C



Ergonomic comfortable grip for effortless connection

The comfortable grip offers easy and safe handling in all conditions, including the use of gloves. The rubber anti-slip coating on the safety ring enhances the grip, facilitating the switch operation even in the presence of oil. The smooth shape of the handle prevents fluid stagnation.



Smart cable gland with reinforced tightening

The simplicity of the smart cable gland makes X-CEE suitable for any type of cable, with a versatility that is unique in the market. The gland can be easily closed and tightened using a spanner or a screwdriver. X-CEE can also be suspended by hooking from the slot in the cable gland.



Multiple configurations for installations through synergy with the Palazzoli TAIS grp range

The embedded design flexibility allows multiple combinations obtaining any solution by simply selecting the individual components (inlets, sockets with flanges, back boxes or handles).

▲ X-CEE Series Plugs - Heavy Duty

50/60 Hz - IP66/IP67/IP68/IP69



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating		
				IP67		
				Plug	Connector	
16	 110	4h	2P+⊥	760124	770124	
		4h	3P+⊥	760134	770134	
		4h	3P+N+⊥	760144	770144	
	 230	6h	2P+⊥	760126	770126	
		6h	3P+⊥	760139	770139	
		9h	3P+N+⊥	760149	770149	
		9h	3P+N+⊥	760129	770129	
	 400	6h	3P+⊥	760136	770136	
		6h	3P+N+⊥	760146	770146	
	 500	7h	3P+⊥	760137	770137	
7h		3P+N+⊥	760147	770147		
32	 110	4h	2P+⊥	760224	770224	
		4h	3P+N+⊥	760234	770234	
	 230	6h	2P+⊥	760226	770226	
		9h	3P+⊥	760239	770239	
		9h	3P+N+⊥	760249	770249	
		9h	3P+N+⊥	760229	770229	
	 400	6h	3P+⊥	760236	770236	
		6h	3P+N+⊥	760246	770246	
	 500	7h	3P+⊥	760237	770237	
		7h	3P+N+⊥	760247	770247	
	 380/440	3h	3P+⊥	760233	770233	
63	 110	4h	2P+⊥	760324	770324	
		4h	3P+N+⊥	760334	770334	
	 230	6h	2P+⊥	760326	770326	
		9h	3P+⊥	760339	770339	
		9h	3P+N+⊥	760329	770329	
	 400	6h	3P+⊥	760336	770336	
		6h	3P+N+⊥	760346	770346	
	 500	7h	3P+⊥	760337	770337	
		7h	3P+N+⊥	760347	770347	
	125	 110	4h	2P+⊥	760434	770434
6h			2P+⊥	760426	770426	
 230		9h	3P+⊥	760439	770439	
		9h	3P+N+⊥	760449	770449	
 400		6h	3P+⊥	760436	770436	
		6h	3P+N+⊥	760446	770446	
 500		7h	3P+⊥	760437	770437	
		7h	3P+N+⊥	760447	770447	

The plugs and connectors are designed to allow for padlocking, either in a stand-alone fashion or connected to sockets. The padlock must have a maximum shackle diameter of 10.5mm, a height of 32mm and a max wire diameter of 3.5mm

▲ Caps for IEC EN 60309-2 industrial plugs - IP67

Ensures the IP67 protection rating when the plug is not in use.



Technical Details



Rated current A	2P+⊥	3P+⊥	4P+⊥
	Part number	Part number	Part number
16	476903	476913	476923
32	476905	476905	476925
63	476907	476907	476907
125	476909	476909	476909

TAIS

▲ Wall-Mounted Interlocked Socket Outlets - GRP - IP67

• Module 125



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
16	● 110	4h	2P+⊥	467124
	● 230	6h	2P+⊥	467126
	● 400	6h	3P+⊥	467136
	● 400	6h	3P+N+⊥	467146
32	● 230	6h	2P+⊥	470226
	● 400	6h	3P+⊥	470236
	● 400	6h	3P+N+⊥	470246
	● 380/440	3h	3P+⊥	470233 *
63	● 230	6h	2P+⊥	470326
	● 400	6h	3P+⊥	470336
	● 400	6h	3P+N+⊥	470346

* For REEFER Shipping Containers

▲ Wall-Mounted Interlocked Socket Outlets - GRP - IP66 / IP67 / IP69

• Module 250



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
125	● 110	4h	3P+⊥	480434
	● 110	4h	3P+N+⊥	480444
	● 230	6h	2P+⊥	480426
	● 230	9h	3P+⊥	480439
	● 230	9h	3P+N+⊥	480449
	● 400	6h	3P+⊥	480436
	● 400	6h	3P+N+⊥	480446
	● 500	7h	3P+⊥	480437
	● 500	7h	3P+N+⊥	480447
	● 690	5h	3P+⊥	480435
	● 690	5h	3P+N+⊥	480445

▲ Wall-Mounted Interlocked Socket Outlets With DIN Rail - GRP - IP66 / IP67 / IP69

• Module 250



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
125	● 400	6h	3P+N+⊥	483446

Features : Handle padlockable with 3 padlocks up to 8mm.
Padlockable lid and with tamper-proof screw.

ALUPRES

▲ Wall-Mounted Interlocked Socket Outlets High Resistance Marine Aluminium alloy - IP66 / IP67 / IP69

• Module 125



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
16 (F1 Entry)	● 110	4h	2P+÷	466124
	● 230	6h	2P+÷	466126
	● 400	6h	3P+÷	466136
	● 400	6h	3P+N+÷	466146
32 (F1 Entry)	● 110	4h	2P+÷	460224
	● 230	6h	2P+÷	460226
	● 400	6h	3P+÷	460236
	● 400	6h	3P+N+÷	460246
63 (F1 Entry)	● 230	6h	2P+÷	460326
	● 400	6h	3P+÷	460336
	● 400	6h	3P+N+÷	460346

x1 Flange per unit on top face required

▲ Wall-Mounted Interlocked Socket Outlets High Resistance Marine Aluminium alloy - IP66 / IP67 / IP69

• Module 185



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
125 (F3 Entry)	● 400	6h	3P+÷	460436
	● 400	6h	3P+N+÷	460446

x1 Flange per unit on top face required

▲ Flanges in Aluminium Alloy - IP66/ IP67 / IP69

• Metric threading and cable gland for windowed walls



Technical Details



Part Number	For windows	Threading Type	Tightening diameter (mm)
541055	F1	M25	9-18
540190	F3	M40	18-32

▲ Vertical switched interlocked sockets with RCDs - Heavy duty GRP

- IP66/67/69 Ingress Protection Rating (Watertight)
- Tais Thermosetting Heavy Duty GRP
- RCD 30mA Type A



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP67
16	● 230	6h	2P+÷	PMRCD16/401SINFPB
	● 400	6h	3P+÷	PMRCD16/405SINFPB
	● 400	6h	3P+N+÷	PMRCD16/408SINFPB
32	● 230	6h	2P+÷	PMRCD32/401SINFPB
	● 400	6h	3P+÷	PMRCD32/405SINFPB
	● 400	6h	3P+N+÷	PMRCD32/408SINFPB
63	● 230	6h	2P+÷	PMRCD63/401SINFPB
	● 400	6h	3P+÷	PMRCD63/405SINFPB
	● 400	6h	3P+N+÷	PMRCD63/408SINFPB
125	● 400	6h	3P+N+÷	PMRCD125/408SINFPB

▲ Vertical switched interlocked sockets with RCDs - Metal clad

- IP66/67/69 Ingress Protection Rating (Watertight)
- Alupres Metal Clad
- Supplied with flat closing flange (top & bottom)
- RCD 30mA Type A



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP66/ IP67/ IP69
16	● 230	6h	2P+÷	573126
	● 400	6h	3P+÷	573136
	● 400	6h	3P+N+÷	573146
32	● 230	6h	2P+÷	573226
	● 400	6h	3P+÷	573236
	● 400	6h	3P+N+÷	573246
63	● 230	6h	2P+÷	573326
	● 400	6h	3P+÷	573336
	● 400	6h	3P+N+÷	573346
125	● 400	6h	3P+N+÷	573446

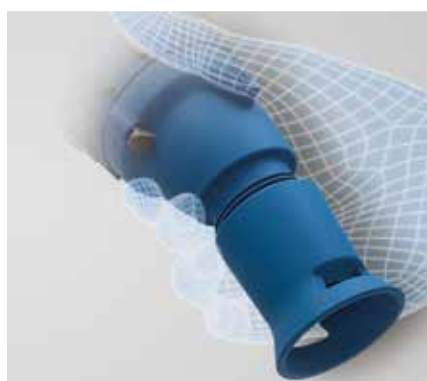
ROTOR

The Unique compact switched interlocked socket



**Switch... Isolator...
Socket Outlet...
ALL IN ONE!**

Conformity to standards	IEC/EN 60309-1 EC/EN 60309-2 IEC/EN 60309-4 IEC/EN 60947-3
Body material	Reinforced technopolymer
Protection rating (IP as per IEC/EN 60529)	IP66 / IP67 / IP69
Colour	RAL 7046 grey, RAL 5015 blue
Pin and receptacle material	Full nickel-plated brass
Resistance to abnormal heat and fire («Glow wire» as per IEC/EN 60695-2-10)	960°C (contact holders) 850°C (housings)
Self-extinguishing grade (as per UL94)	V0 (contact holders) V2 (housings)
Resistance to impacts (IK rating as per IEC/EN 62262)	IK10
Resistance to crushing	> 500Kg
Rated voltage	50V ÷ 690V
Utilization category	AC-23A
Rated frequency	50Hz ÷ 60Hz
Rated insulation voltage	690V
Pilot contact	63A and 125A plugs and sockets
Storage temperature	-50°C ÷ +90°C
Operating temperature	-40°C ÷ +60°C



Ergonomic comfortable grip for effortless connection

The comfortable grip offers easy and safe handling in all conditions, including the use of gloves. The rubber anti-slip coating on the safety ring enhances the grip, facilitating the switch operation even in the presence of oil. The smooth shape of the handle prevents fluid stagnation.



AC-23A switch disconnecter with independent contacts snap operation

All sockets are AC-23A certified for use with highly inductive loads. Designed for optimum safety, the built-in rotor switch inhibits access to live parts when not connected and prevents electric arcing and unwanted disconnection.



Heavy duty terminals for improved conductivity and resistance to vibrations

Heavy duty terminals with cage clamp design are standard throughout the range. This guarantees the cable integrity, ensuring good electrical conductivity and also avoid heating and damage to the cable.

▲ Rotor Connectors

50/60 Hz - IP66/IP67/IP69



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP66/ IP67/ IP69
16	110	4h	2P+⊥	410124
		4h	3P+⊥	410134
		4h	3P+N+⊥	410144
	230	6h	2P+⊥	410126
		9h	3P+⊥	410139
		9h	3P+N+⊥	410149
	400	9h	2P+⊥	410129
		6h	3P+⊥	410136
	500	6h	3P+N+⊥	410146
		7h	3P+⊥	410137
		7h	3P+N+⊥	410147
32	110	4h	2P+⊥	410224
		4h	3P+⊥	410234
		4h	3P+N+⊥	410244
	230	6h	2P+⊥	410226
		9h	3P+⊥	410239
		9h	3P+N+⊥	410249
	400	9h	2P+⊥	410229
		6h	3P+⊥	410236
	500	6h	3P+N+⊥	410246
		7h	3P+⊥	410237
		7h	3P+N+⊥	410247
	380/440	3h	3P+⊥	410233
63	110	4h	2P+⊥	410324
		4h	3P+⊥	410334
		4h	3P+N+⊥	410344
	230	6h	2P+⊥	410326
		9h	3P+⊥	410339
		9h	3P+N+⊥	410349
	400	9h	2P+⊥	410329
		6h	3P+⊥	410336
	500	6h	3P+N+⊥	410346
		7h	3P+⊥	410337
		7h	3P+N+⊥	410347
125	110	4h	2P+⊥	410434
		4h	3P+⊥	410444
		4h	3P+N+⊥	410454
	230	9h	3P+⊥	410439
		9h	2P+⊥	410429
	400	6h	3P+⊥	410436
		6h	3P+N+⊥	410446
	500	7h	3P+⊥	410437
		7h	3P+N+⊥	410447

▲ 65° Angled wall mounted rotor sockets

50/60 Hz - IP66/IP67/IP69



Technical Details



Rated current A	Rated voltage V	Clock Position	Poles	IP Rating
				IP66/IP67/IP69
16	● 110	4h	2P+÷	416124
	● 230	6h	2P+÷	416126
	● 400	6h	3P+÷	416136
	● 400	6h	3P+N+÷	416146
32	● 110	4h	2P+÷	416224
	● 230	6h	2P+÷	416226
	● 400	6h	3P+÷	416236
	● 400	6h	3P+N+÷	416246
63	● 230	6h	2P+÷	416326
	● 400	6h	3P+÷	416336
125	● 400	6h	3P+N+÷	416346
	● 400	6h	3P+÷	416436
	● 400	6h	3P+N+÷	416446

Features: Rotor is padlockable in position 0 and 1 with padlock code 419000. The sockets are designed to allow for padlocking, either in a stand-alone fashion or connected to the plugs. The padlock must have a min. shackle width of 10.5mm, a height of 32mm and a max wire diameter of 3.5mm.



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▲ 13A RCD Protected Switched Socket Outlet - Type A

- Type A RCD
- Double pole switching
- Passive RCD (automatically resets following a mains supply failure)
- Complies to BS1363-2:2016 +A1 2018 / BS7288:2016
- Can be used to replace a standard 13A 2 gang socket outlet
- Indoor use only
- Supplied without backbox
- Include Standard* BS1363



Technical Details



Rated current A	Rated voltage V	Poles	IP Rating
13	● 230	2P+÷	IP2X
			RCDSWSA

▲ 13A RCD Protected Switched Socket Outlet - Metal Clad - 30mA Type A

- Type A RCD
- High impact resistance
- Double pole switching
- Rear mounting box 35mm deep with 20mm knockouts to all faces
- Passive RCD (automatically resets following a main supply failure)
- Complies to BS1363-2:2016+A12018 / BS7288:2016
- Indoor use only
- Include Standard* BS1363



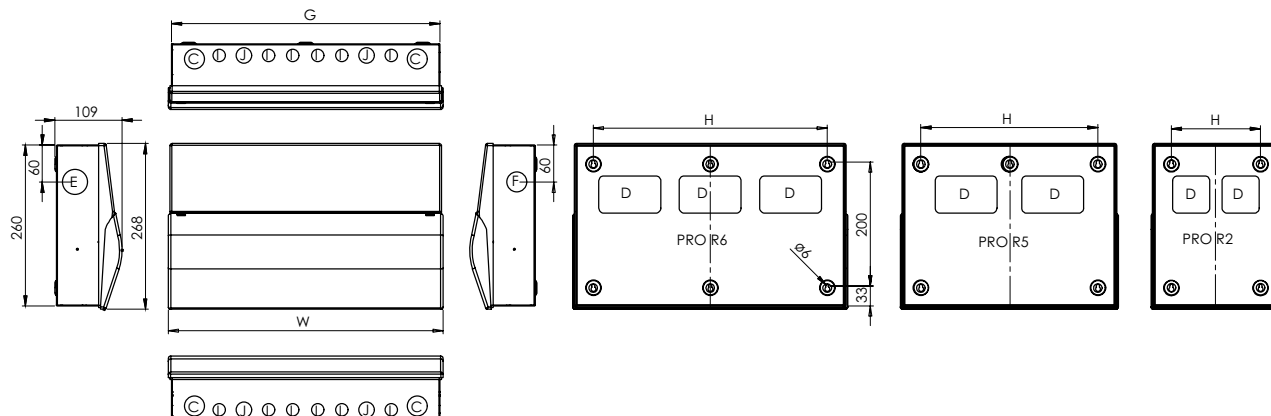
Technical Details



Rated current A	Rated voltage V	Poles	IP Rating
13	● 230	2P+÷	IP2X
			RCDSMSA

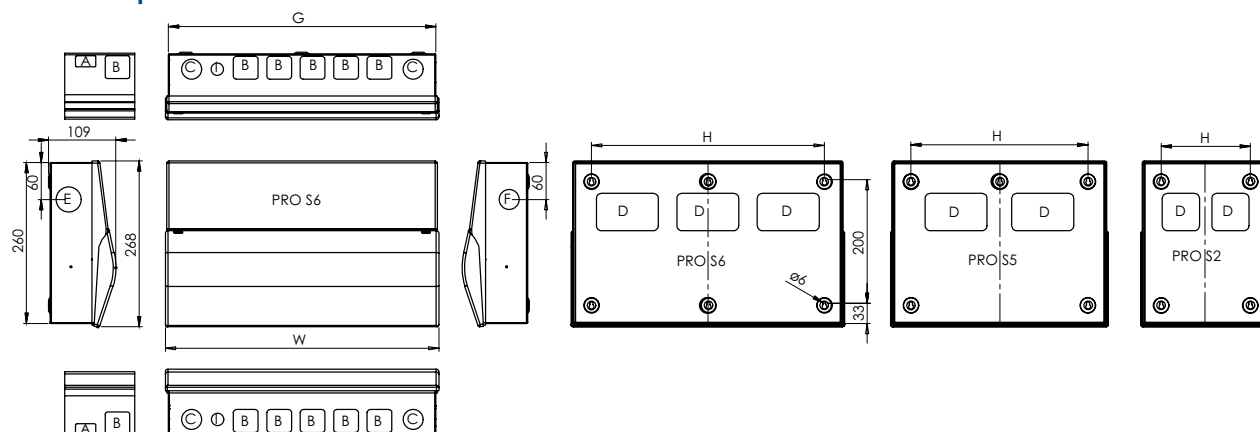
Dimensional Drawings

▲ PRO Round Knockout Consumer Units



Drawing Ref.	Part Number	Enclosure Total Modules	Enclosure Width W (mm)	Knockouts Top & Bottom Faces (mm)		Knockouts Rear Face (D) (mm)		Knockouts Left Face (E) (mm)		Knockouts Right Face (F) (mm)		G (mm)	H (mm)	No. Fixings
				Size	Qty	Size	Qty	Size	Qty	Size	Qty			
PRO R1	PRO-RGARAGE-MS PRO-RARAGE-63 PRO-REV40A PRO-REV40B	5	136	ø 20 I ø 25 J	2 1	60x60	1	ø 32	1	ø 25	1	128	72	4
PRO R2	PRO-R06W-R15 PRO-R07W-C1 PRO-REV40AS PRO-REV40BS	9	210	ø 20 I ø 25 J ø 32 C	3 1 1	60x60	2	ø 40	1	ø 32	1	200	144	4
PRO R3	PRO-R08W-R15 PRO-R09W-C1	11	244	ø 20 I ø 25 J ø 32 C	3 2 1	60x60	2	ø 40	1	ø 32	1	236	180	4
PRO R4	PRO-R10W-R15 PRO-R10B-R15 PRO-R07W-D1 PRO-R11W-C1	13	281	ø 20 I ø 25 J ø 32 C	4 2 1	100x60	2	ø 40	1	ø 32	1	272	214	4
PRO R5	PRO-R14W-R15 PRO-R11W-D1 PRO-R12W-H15	17	353	ø 20 I ø 25 J ø 32 C	4 2 2	100x60	2	ø 40	1	ø 32	1	342	286	5
PRO R6	PRO-R19W-R15 PRO-R19B-R15 PRO-R14W-D1 PRO-R18W-T1 PRO-R17W-H15	22	443	ø 20 I ø 25 J ø 32 C	6 2 2	100x60	3	ø 40	1	ø 32	1	432	376	6

▲ PRO Square Knockout Consumer Units

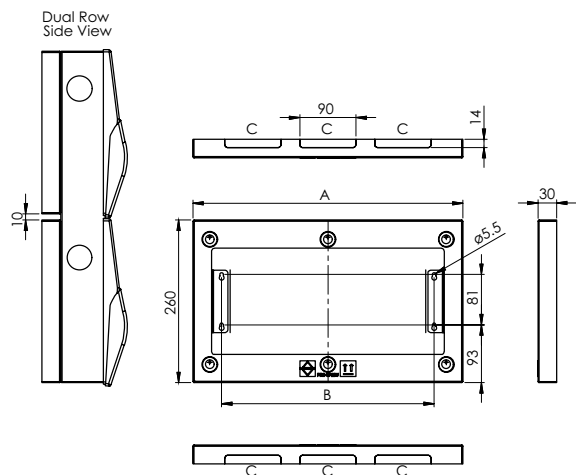


Drawing Ref.	Part Number	Enclosure Total Modules	Enclosure Width W (mm)	Knockouts Top & Bottom Faces (mm)		Knockouts Rear Face (D) (mm)		Knockouts Left Face (E) (mm)		Knockouts Right Face (F) (mm)		G (mm)	H (mm)	No. Fixings
				Size	Qty	Size	Qty	Size	Qty	Size	Qty			
PRO S2	PRO-S06W-R15 PRO-S07W-C1	9	210	40x37 B ø 32 C	2 1	60x60	2	ø 40	1	ø 32	1	200	144	4
PRO S3	PRO-S08W-R15 PRO-S09W-C1	11	244	33x18 A 40x37 B ø 32 C	1 1 1	60x60	2	ø 40	1	ø 32	1	236	180	4
PRO S4	PRO-S10W-R15 PRO-S07W-D1 PRO-S11W-C1	13	281	40x37 B ø 32 C ø 20 I	3 1 1	100x60	2	ø 40	1	ø 32	1	272	214	4
PRO S5	PRO-S14W-R15 PRO-S11W-D1 PRO-S12W-H15	17	353	40x37 B ø 32 C ø 20 I	4 1 1	100x60	2	ø 40	1	ø 32	1	342	286	5
PRO S6	PRO-S19W-R15 PRO-S16W-D1 PRO-S18W-T1 PRO-S17W-H15	22	443	40x37 B ø 32 C ø 20 I	5 2 1	100x60	3	ø 40	1	ø 32	1	432	376	6



Dimensional Drawings

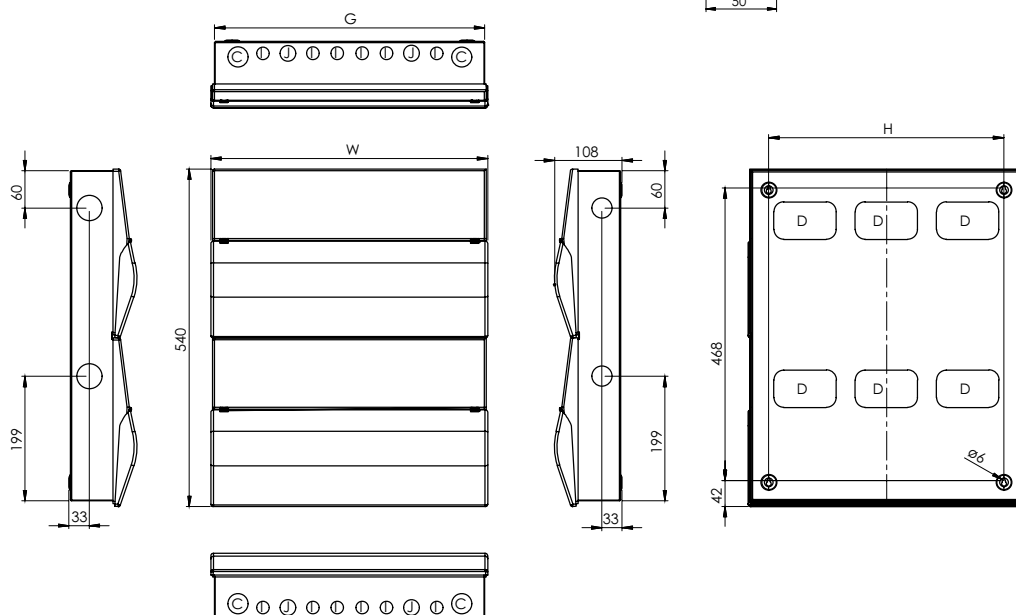
Surface Pattrress



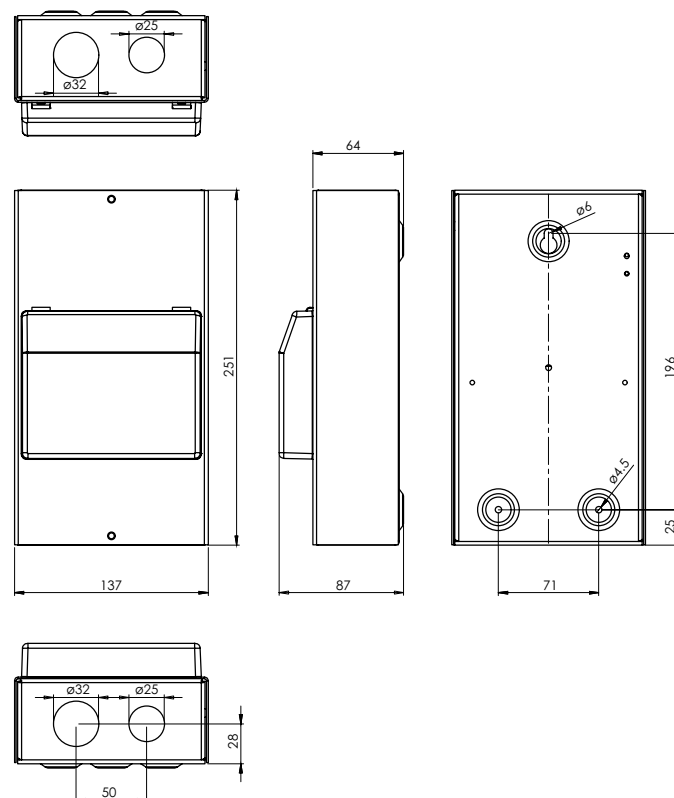
Part Number	Compatible With	A Width (mm)	B Mounting Width (mm)	C No. Snap Outs
PRO-SP13W	PRO R4, PRO R7*	272	195	1
PRO-SP17W	PRO R5, PRO R8*, PRO S4	342	22	2
PRO-SP22W	PRO R6, PRO R9*, PRO S6	432	340	3

*Two required

Dual Row Consumer Units



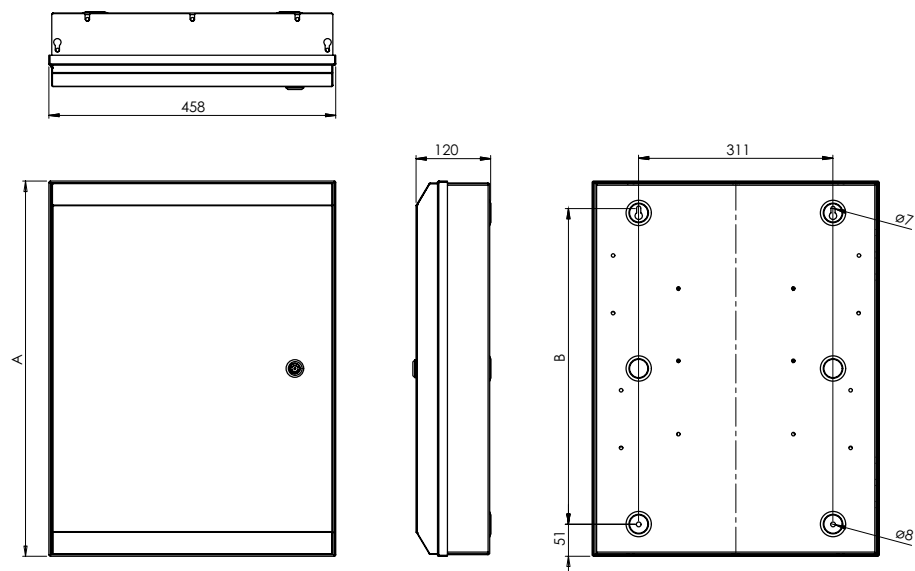
Component Enclosures



Drawing Ref.	Part Number	Enclosure Total Modules	Enclosure Width W (mm)	Knockouts Top & Bottom Faces (mm)		Knockouts Rear Face (D) (mm)		Knockouts Left Face (E) (mm)		Knockouts Right Face (F) (mm)		G (mm)	H (mm)
				Size	Qty	Size	Qty	Size	Qty	Size	Qty		
PRO R7	PRO-R22W-R1S	26	281	ø 20 I	4	100x60	4	ø 40	1	ø 32	1	270	214
				ø 25 J	2								
				ø 32 C	1								
PRO R8	PRO-R30W-R1S	34	353	ø 20 I	4	100x60	4	ø 40	1	ø 32	1	342	286
				ø 25 J	2								
				ø 32 C	2								
PRO R9	PRO-R40W-R1S	44	443	ø 20 I	6	100x60	6	ø 40	1	ø 32	1	432	376
				ø 25 J	2								
				ø 32 C	2								

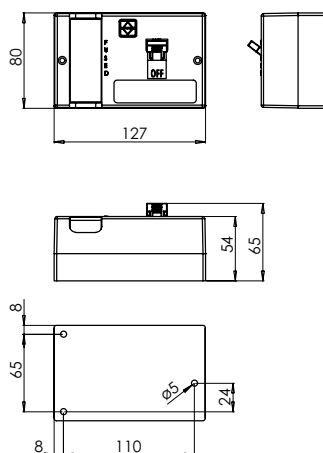
Dimensional Drawings

▲ Three Phase Distribution Boards



Part Number	A Height (mm)	B Mounting Height (mm)
E-TPN04LW, E-TPN04LW-SPD	500	403
E-TPN08LW, E-TPN08LW-SPD, QFS-MC32ENC	600	503
E-TPN12LW, E-TPN12LW-SPD	700	603
E-TPN16LW, E-TPN16LW-SPD	800	703

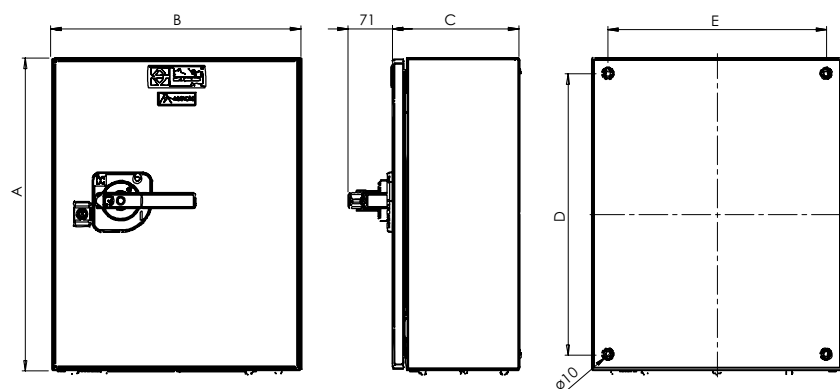
▲ Main Switch Fuse





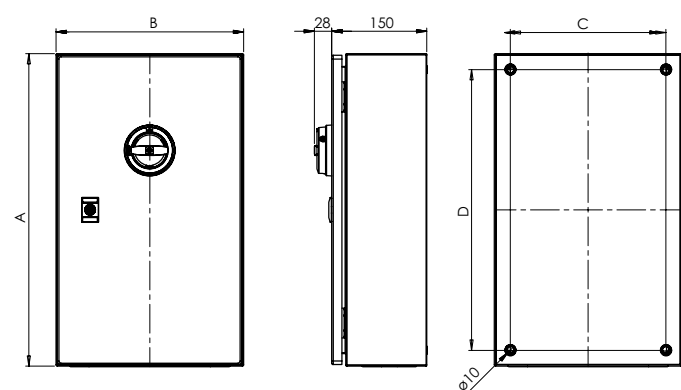
Dimensional Drawings

▲ Metal Clad Switch Fuses



Part Number	A Height (mm)	B Width (mm)	C Depth (mm)	D Mounting Height (mm)	E Mounting Width (mm)
207211, 207212, 207231, 207232, 207411, 207412, 207431, 207432	400	300	150	350	250
207111, 207112, 207113, 207213, 207214, 207233, 207234, 207413, 207414, 207433, 207434	500	400	200	450	350
207114, 207115, 207215, 207235, 207415, 207435	600	400	200	550	350
207116, 207117, 207216, 207217, 207236, 207237, 207416, 207417, 207436, 207437	700	500	200	650	450
207118, 207218, 207238, 207418, 207438	800	600	200	750	550

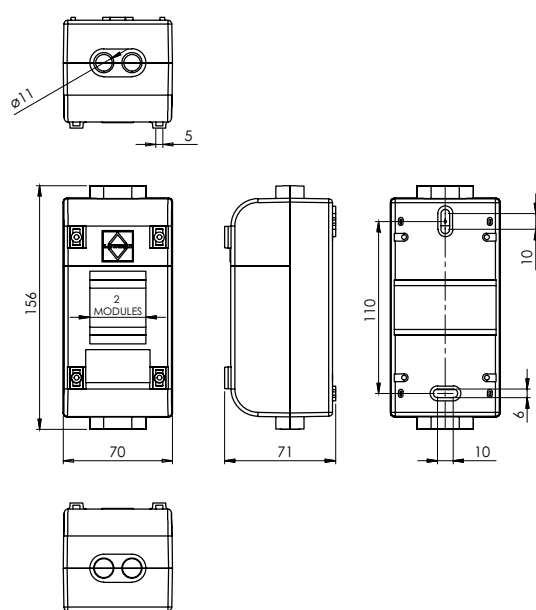
▲ Metal Clad Switch Disconnectors and Fused Switch Disconnectors



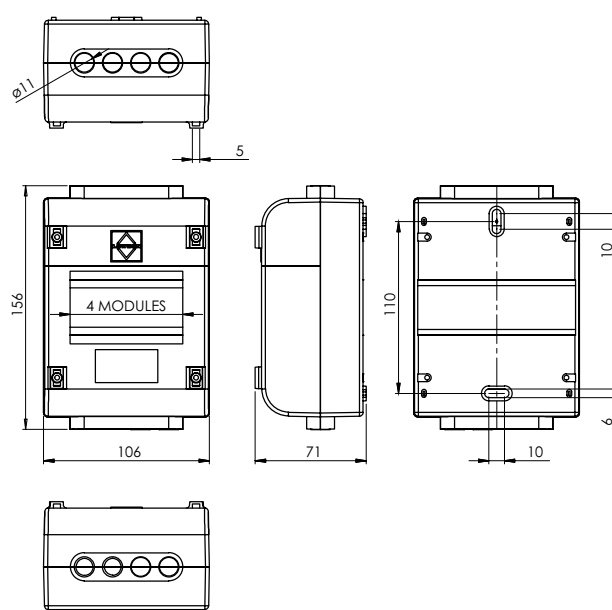
Part Number	A Height (mm)	B Width (mm)	C Mounting Height (mm)	D Mounting Width (mm)
FIS324P, IS1004P, IS1254P	300	250	250	200
FIS634P, FIS804P	400	300	350	250
FIS1004P, FIS1254P	500	300	450	250
IS324P, IS634P, IS804P	250	250	200	200

Dimensional Drawings

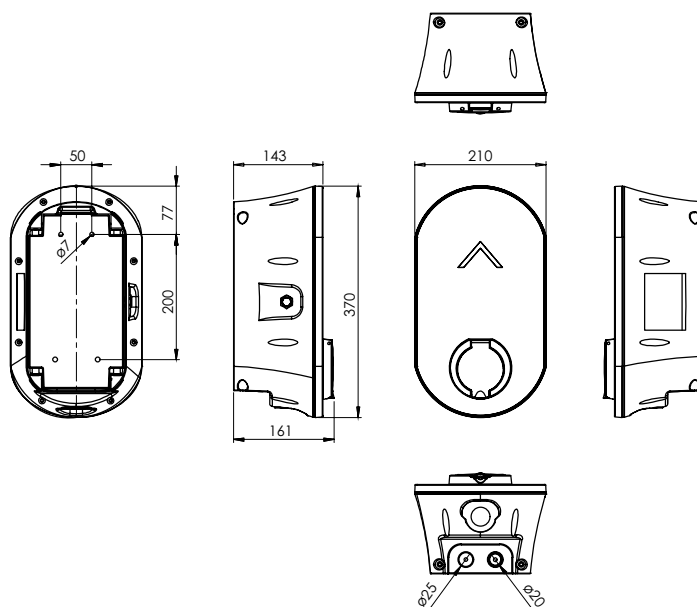
Electricity Isolator Switch Enclosure 2 Modules



Electricity Isolator Switch Enclosure - 4 Modules



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206204	50	207236	52	410139	116
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206253	50	207238	52	410146	116
206254	50	207411	52	410147	116
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The Electricians' Choice

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