



Palazzoli
GROUP



SMART SOLUTIONS FOR POWER DISTRIBUTION

Industrial & Domestic

**A handy guide to the Lewden
everyday mainstream offer**

From UK to UK

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**ELECTRONIC
CATALOGUE**





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@Lewden_Elec Lewden Palazzoli Group

STANDARD & RCD INTERLOCKED SOCKETS

			IP44		IP67	
						
A	V	Poles	Standard	RCD Protected	Standard	RCD Protected
16	110	2P+E	PM16/3300NFPB 452124LW	PMRCD16/300SITT 660124	PM16/3400NFPB 451124LW	PMRCD16/400SITT 661124
	230	2P+E	PM16/3301NFPB 452126LW	PMRCD16/301SITT 660126	PM16/3401NFPB 451126LW	PMRCD16/401SITT 661126
	400	3P+E	PM16/3305NFPB 452136LW	PMRCD16/305SITT 660136	PM16/3405NFPB 451136LW	PMRCD16/405SITT 661136
		3P+N+E	PM16/3308NFPB 452146LW	PMRCD16/308SITT 660146	PM16/3408NFPB 451146LW	PMRCD16/408SITT 661146
32	110	2P+E	PM32/3300NFPB 452224LW	PMRCD32/300SITT 660224	PM32/3400NFPB 451224LW	PMRCD32/400SITT 661224
	230	2P+E	PM32/3301NFPB 452226LW	PMRCD32/301SITT 660226	PM32/3401NFPB 451226LW	PMRCD32/401SITT 661226
	400	3P+E	PM32/3305NFPB 452236LW	PMRCD32/305SITT 660236	PM32/3405NFPB 451236LW	PMRCD32/405SITT 661236
		3P+N+E	PM32/3308NFPB 452246LW	PMRCD32/308SITT 660246	PM32/3408NFPB 451246LW	PMRCD32/408SITT 661246
63	230	2P+E			PM63/3401FPB 507326LW	PMRCD63/401SIT 661326
	400	3P+E			PM63/3405FPB 507336LW	PMRCD63/405SIT 661336
		3P+N+E			PM63/3408FPB 507346LW	PMRCD63/408SIT 661346
125	400	3P+E			PD125/305FPB 460436LW	
		3P+N+E			PD125/311FPB 460446LW	PDRCD125/408SITT 573445

Pre-assembled & Bespoke Modular Systems

Ready for use combinations and custom made solutions



Ask for your own tailor-made solution

Ingress protection IP44 or IP66/67?





Socket outlets required?

Wall mounted or Portable?

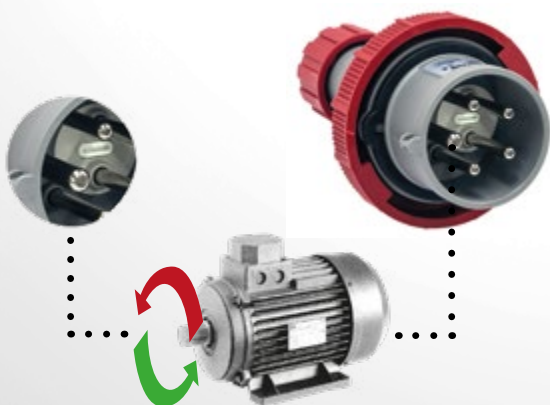
Specify your requirement and consider the job done!

Check out our [topTER Pre-assembled Brochure](#) for more details

PLUGS & CONNECTORS





			IP44		IP67	
						
A	V	Poles	Plug	Connector	Plug	Connector
16	110	2P+E	PM16/1000FPB 700124LW	PM16/2000FPB 720124LW	710124	730124
	230	2P+E	PM16/1100FPB 700126LW	PM16/2100FPB 720126LW	710126	730126
	400	3P+E	PM16/1500FPB 700136	PM16/2500FPB 720136	710136	730136
		3P+N+E	PM16/1800FPB 700146	PM16/2800FPB 720146	710146	730146
32	110	2P+E	PM32/1000FPB 700224LW	PM32/2000FPB 720224LW	710224	730224
	230	2P+E	PM32/1100FPB 700226LW	PM32/2100FPB 720226LW	710226	730226
	400	3P+E	PM32/1500FPB 700236	PM32/2500FPB 720236	710236	730236
		3P+N+E	PM32/1800FPB 700246	PM32/2800FPB 720246	710246	730246
63	230	2P+E			710326	
	400	2P+E				730326
		3P+E			710336	730336
		3P+N+E			710346	730346
125	230	2P+E			999503	999519
	400	3P+E			249538	349538
		3P+N+E			259538	359538

Phase Inverter Plugs



			IP67
A	V	Poles	Plug
16	400	3P+E	710156
		3P+N+E	710166
32		3P+E	710256
		3P+N+E	710266

WALL MOUNTED SOCKETS

			IP44		IP67	
						
A	V	Poles	90°	15°	90°	15°
16	110	2P+E	508124	438124	509124	439124
	230	2P+E	508126	438126	509126	439126
	400	3P+E	508136	438136	509136	439136
		3P+N+E	508146	438146	509146	439146
32	110	2P+E	508224	438224	509224	439224
	230	2P+E	508226	438226	509226	439226
	400	3P+E	508236	438236	509236	439236
		3P+N+E	508246	438246	509246	439246
63	230	2P+E			509326	
	400	3P+E			509336	
		3P+N+E			509346	
125	230	2P+E			PM125/641 999025	
	400	3P+E			447538	
		3P+N+E			457538	

PD Series - Weathertight Metal Clad Range

Robust , reliable, traditional, Lewden metal products for heavy duty applications

Available on request



Plugs



Sockets



Switched Sockets



Switches

For more details on PD Series check out our [Metal Products Range Catalogue](#)

ENCLOSURES - GRP/Switch Fuses & Disconnectors - GRP & Stainless Steel



Size	Module	Material	Dimension	Part Numbers
1		GRP	260x305x160mm	550011
2	36	GRP	340x430x180mm	550012
3	54	GRP	450x505x220mm	550013
4	72	GRP	450x655x220mm	550014
5	96	GRP	560x655x260mm	550015
6	140	GRP	630x810x300mm	550016
7	200	GRP	850x1060x350mm	550017

Note: Accessories are supplied separately

Switch Fuse Range



Rating	Part Numbers	Material	Description
100A	207111	STEEL *	100A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207121	GRP	100A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
125A	207112	STEEL *	125A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207122	GRP	125A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
160A	207113	STEEL *	160A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207123	GRP	160A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
200A	207114	STEEL *	200A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207124	GRP	200A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
250A	207115	STEEL *	250A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
315A	207116	STEEL *	315A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
400A	207117	STEEL *	400A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
630A	207118	STEEL *	630A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL

Switch Disconnectors Range



Rating	Part Numbers	Material	Description
100A	207211	STEEL *	100A 3P+N mild steel AC21A / AC22A / AC23A for 80A / 3POLE + SOLID NEUTRAL
	207221	GRP	100A 3P+N GRP AC21A / AC22A / AC23A for 80A / 3POLE + SOLID NEUTRAL
125A	207212	STEEL *	125A 3P+N mild steel AC21A / AC22A / AC23A for 90A / 3POLE + SOLID NEUTRAL
	207222	GRP	125A 3P+N GRP AC21A / AC22A / AC23A for 90A / 3POLE + SOLID NEUTRAL
160A	207213	STEEL *	160A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207223	GRP	160A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
200A	207214	STEEL *	200A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
	207224	GRP	200A 3P+N GRP AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
250A	207215	STEEL *	250A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
315A	207216	STEEL *	315A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
400A	207217	STEEL *	400A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL
630A	207218	STEEL *	630A 3P+N mild steel AC21A / AC22A / AC23A / 3POLE + SOLID NEUTRAL

* AISI304 Stainless Steel Available on request; Switch fuse supplied complete with BS88 fuses

ROTARY ISOLATOR SWITCHES



A	Poles	Part Numbers
16A	3P	208163
	4P	208164
32A	3P	208323
	4P	208324
63A	4P	208634
100A	4P	208104



Certified
AC3-AC23A



Wide wiring
space



Strong
and durable



Check out our **Isolator Switches** Brochure for more details

TP&N DISTRIBUTION BOARDS - TYPE B



Part Numbers	Description	Outgoing Ways
E-TPN04LW	4 way, 125A, Type B, without incomer	4 x TP / 12 x SP
E-TPN08LW	8 way, 125A, Type B, without incomer	8 x TP / 24 x SP
E-TPN12LW	12 way, 125A, Type B, without incomer	12 x TP / 36 x SP
E-TPN16LW	16 way, 125A, Type B, without incomer	16 x TP / 48 x SP

The board is supplied complete with mounting brackets to suit 100/125A main switch and 10kA circuit protection devices. For other devices, mounting accessory kits will be required.

Technical Data

Busbar Rating	Rated Operational Voltage Ue	IP Rating	Rated Conditional Short Circuit Current ICC:	Standards
200A	230V/400V 50Hz	IP2XC	16kA RMS (backed up by a 125A fuse)	BS EN 61439-3

INCOMERS

Main Switch



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

Technical Data

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

Now **included** in the range:
Extension Boxes, Metering Kits,
RCCB Incomers and more

Extension Boxes



TPN-EXT19



QFS-MC32ENC



TPN-EXTCB



TPN-JB125

Metering Kit



TPN-MKSI

Check out our [TP&N Distribution Boards Brochure](#) for more details

CIRCUIT PROTECTION - 10kA

MCB's



Rated Current	10 kA - B Type		10 kA - C Type			10 kA - D Type		
	1 Pole	3 Poles	1 Pole	2 Poles	3 Poles	1 Pole	2 Poles	3 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	-	-	-

Technical Data

Type	Rated Operational Voltage (Ue)	Terminal Capacity	Standards
AC	230/400V 50/60Hz	25mm ²	EN60898-1 & EN60947-2

RCBO's - 1 Pole + unswitched neutral

Suitable for use in TN-S, TN-C-S & TT network systems



Rated Current	10 kA - B Type 30mA	10 kA - C Type 30mA
6A	RCBO10-06/30/1M/B	RCBO10-06/30/1M/C
10A	RCBO10-10/30/1M/B	RCBO10-10/30/1M/C
13A	RCBO10-13/30/1M/B	RCBO10-13/30/1M/C
16A	RCBO10-16/30/1M/B	RCBO10-16/30/1M/C
20A	RCBO10-20/30/1M/B	RCBO10-20/30/1M/C
25A	RCBO10-25/30/1M/B	RCBO10-25/30/1M/C
32A	RCBO10-32/30/1M/B	RCBO10-32/30/1M/C
40A	RCBO10-40/30/1M/B	RCBO10-40/30/1M/C

Technical Data

Class	Rated Operational Voltage (Ue)	Standard Tripping Time 1 x I _{Δn}	Standard Tripping Time 5 x I _{Δn}	Terminal Capacity	Neutral Lead Length	Standards
AC	230V, 50Hz	<300ms	<40ms	25mm ²	600mm	EN61009-1

SURGE PROTECTION

Suitable for use with TN-S / TT network systems



Part Numbers	Description
SRG1V1G	2 Module, Type 2 for TP&N Single Phase (TT/TN-S)

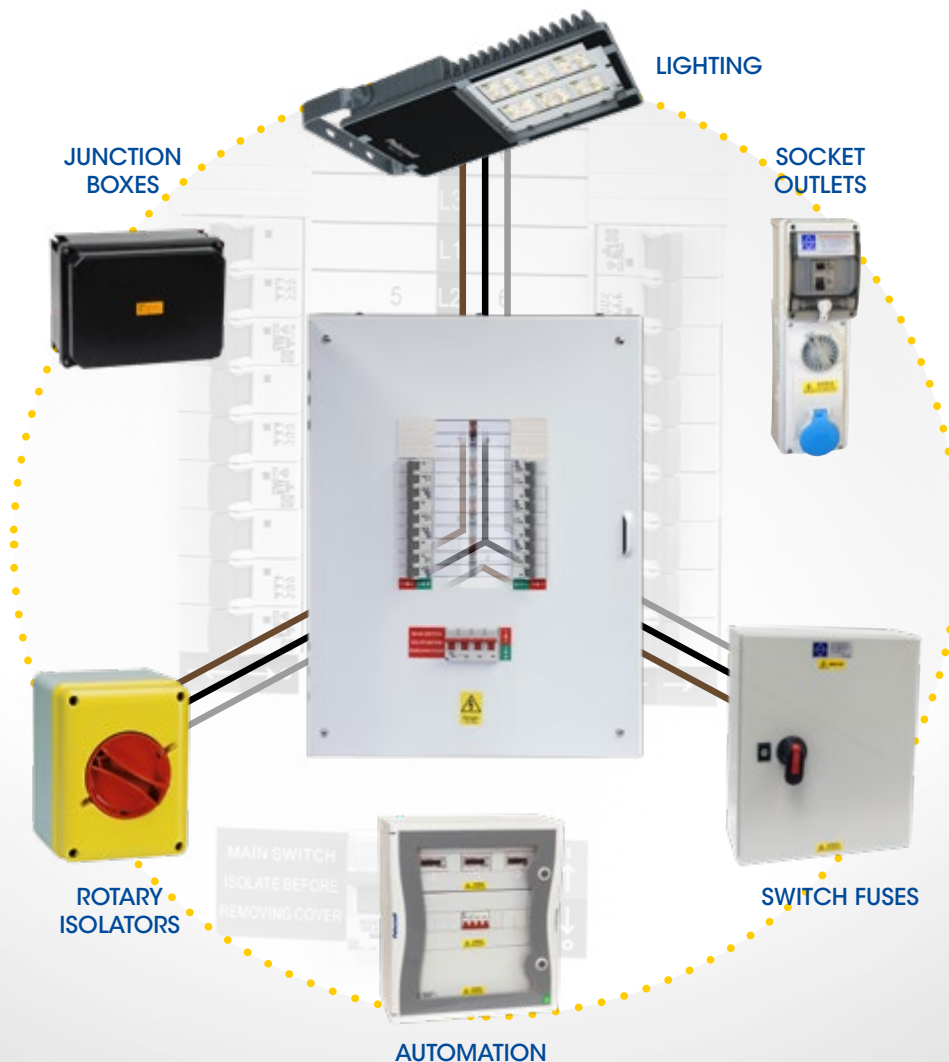
For use when the TPN board is arranged for single phase 230VAC incoming supply.
When installed within an E-TPN LW board it must be used in conjunction with part no. E10-1C32 (MCB).



Part Numbers	Description
SRG3V1G	4 Module, Type 2 for TP&N Three Phase (TT/TN-S)

For use when the TPN board is arranged for three phase 400VAC incoming supply.
When installed within an E-TPN LW board it must be used in conjunction with part no. E10-3C32 (MCB).

THE COMPLETE SOLUTION FOR YOUR INDUSTRIAL INSTALLATION

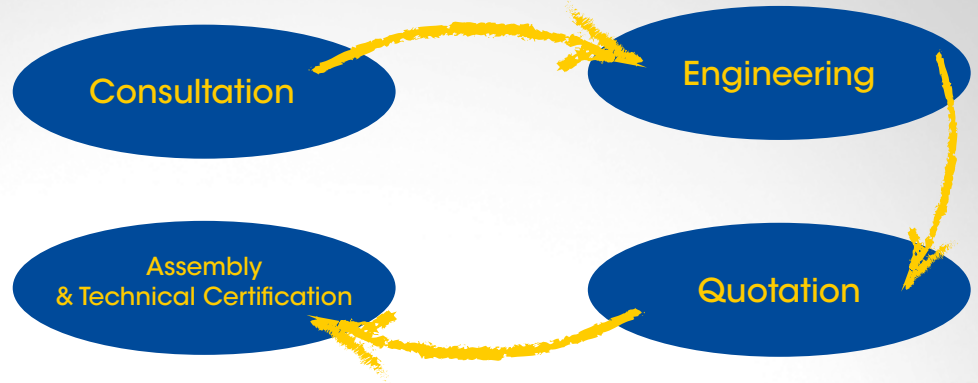




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LEWDEN CUSTOM DESIGN AND BUILD SERVICE

Pre-made/Pre-wired electrical solutions made to customer requirements



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- Test Laboratories
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- Local Authorities
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- Substation

What

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- Pre-wired Consumer Units Domestic AMD3
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- Earth Monitoring
- Free Standing Kiosks
- Hazardous Area
- High Current Connectors
- Lighting Controls
- Site Electrics

METAL CONSUMER UNITS

Populated RCBO



Part Numbers	MS Rating	Total Ways	Main Switch	RCBOs (B Type)			
				6A	16A	32A	40A
QFS-PR08	100A	8	1	2	1	3	-
QFS-PR10	100A	10	1	3	1	3	1
QFS-PR14	100A	14	1	4	1	4	1

Populated MCB



Part Numbers	MS Rating	Total Ways	Main Switch	RCCB 63 A 30 mA	RCCB 80A 30mA	MCBs (B Type)			
						6A	16A	32A	40A
QFS-PM06	100 A	6	1	2	-	2	1	1	-
QFS-PM10	100 A	10	1	2	-	2	1	3	-
QFS-PM14	100 A	15	1	-	2	3	1	3	1

Flexible split can also be configured for high integrity circuits on the main switch

Dual Flexi



Part Numbers	MS Rating	Total Ways	Main Switch	RCCB 63 A 30 mA	RCCB 80 A 30 mA
QFS-MX12RRMFLEXI	100 A	6	1	2	-
QFS-MX16RRMFLEXI	100 A	10	1	2	-
QFS-MX20RRMFLEXI	100 A	15	1	-	2

Flexible split can also be configured for high integrity circuits on the main switch

Main Switch



Part Numbers	MS Rating	Total Ways
QFS-MX04M	100 A	2
QFS-MX08M	100 A	6
QFS-MX10M	100 A	8
QFS-MX12M	100 A	10
QFS-MX16M	100 A	14
QFS-MX20M	100 A	19

Check out our [Metal Consumer Units Brochure](#) for more details



RCCB

Part Numbers	RCCB Rating	Total Ways
QFS-MX04R	63A 30mA	2
QFS-MX08R	63A 30mA	6
QFS-MX10R	80A 30mA	8
QFS-MX12R	80A 30mA	10

Modular Enclosures



Part Numbers	Module
QFS-MC04ENC	4 module
QFS-MC08ENC	8 module
QFS-MC10ENC	10 module
QFS-MC12ENC	12 module
QFS-MC16ENC	16 module
QFS-MC20ENC	21 module
QFS-MC32ENC	32 module



CUGR - 4025



CUGR - 5050

CABLE GROMMETS FOR CONSUMER UNITS

Create a seal around the cable to maintain IP4X Ingress Protection

Now Available

CIRCUIT PROTECTION - 6kA

MCB's - 1 Pole



Rated Current	6 kA - B Type	6 kA - C Type
6A	G06-1B06	G06-1C06
10A	G06-1B10	G06-1C10
16A	G06-1B16	G06-1C16
20A	G06-1B20	G06-1C20
32A	G06-1B32	G06-1C32
40A	G06-1B40	G06-1C40
50A	G06-1B50	G06-1C50

For fitting of 6kA devices a mounting kit is required (see page 9).

Technical Data

Type	Rated Operational Voltage (Ue)	Terminal Capacity	Standards
AC	230V, 50Hz	16mm ²	EN60898-1

RCBO's - 1 Pole + unswitched neutral

Suitable for use in TN-S and TN-C-S & TT network systems



Rated Current	6 kA - B Type 30mA	6 kA - C Type 30mA
6A	RCBO-06/30/SP	RCBO-06/30/1M/C
10A	RCBO-10/30/SP	RCBO-10/30/1M/C
16A	RCBO-16/30/SP	RCBO-16/30/1M/C
20A	RCBO-20/30/SP	RCBO-20/30/1M/C
32A	RCBO-32/30/SP	RCBO-32/30/1M/C
40A	RCBO-40/30/SP	RCBO-40/30/1M/C
50A	RCBO-50/30/SP	RCBO-50/30/1M/C

For fitting of 6kA devices a mounting kit is required (see page 9).

Technical Data

Type	Rated Operational Voltage (Ue)	Standard Tripping Time 1 x IΔn	Standard Tripping Time 5 x IΔn	Terminal Capacity	Neutral Lead Length	Standards
AC	230V, 50Hz	300ms	40ms	16mm ²	360mm	EN61009-1

Surge Protection - 1 Pole



Part Numbers	Description
SRG1VCU	1 Module, Type 2 For Consumer Unit Single Phase (TT/TN-S/TN-C)*

*This device must be used in conjunction with a G06-1B16 (MCB).

MAINS SWITCHES

Garage Units



Part Numbers	MS Rating	Total Ways	Main Switch	RCB 63 A 30 mA	MCBs (B Type)			
					6A	16A	32A	40A
QFS-MCGARAGE-63		2		1	1	1	-	-
QFS-MCGARAGE-MS	100 A	2	1	-	1	1	-	-

Switch Disconnectors Range



Part Numbers	Description
MSF	main switch fused including 80A ME type fuse

100A DP Metal Fused Switch



Part Numbers	Description	Dimensions (mm)		
		H	W	D
FS6380100	100A fused switch (metal / AC21) inc. 63A, 80A & 100A fuses (22x58 IEC 60269-2) gG	250	135	87



100 A DP METAL FUSED SWITCH





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EN	SG	GU	TN	EX	TA	DN	HR	WA	DL	PR	KA	TD
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