

Panelboards - I-Line MCCB panelboards

Size 1 400A



Size 1 400A panelboards

- Single sided to give best possible space utilisation
- Incomers cable mounted at top or bottom of the panelboard
- Ample cabling space
- I-Line busbar
- Degree of protection IP3X
- Hinged lift off cable way cover
- MCCB separation to form 3b Type 2 BS EN 61439-1
- Fully rated earth and neutral bars
- Simple ordering
- Removable top and bottom gland plates
- Busbar rating 50ka for 1s

Step 1 Select panelboard required

Description	Modules	Reference number 400A
4 triple pole outgoing ways	12	MP40041
7 triple pole outgoing ways	21	MP40071
12 triple pole outgoing ways	36	MP400121

Step 2 Select incoming device

250A	Reference number
250A 36kA triple pole MCCB	CNXAE34250
250A 50kA triple pole MCCB	CHAXE34250
100A automatic switch disconnecter (isolator)	CNAXE34000S10
160A automatic switch disconnecter (isolator)	CNAXE34000S15
250A automatic switch disconnecter (isolator)	CNAXE34000S25
225A plug on lug unit	SL225
400A*	Reference number
400A 36kA triple pole MCCB	SLA3400
400A automatic switch disconnecter (isolator)	SLA3000M
*Trim, required when 250A incomer fitted	TKA4, TKA7, TKA12

Step 3 Select outgoing devices

Single and double pole MCCB's are phase dedicated.
 To obtain correct reference add suffix as below example:
 40A SP MCCB to fit L3 will be SFA1040C



MCCB								
16-100A 25kA	Single Pole (1 Mod)	L1 L2 L3			Double Pole (2 Mod)	L1/L2 L2/L3 L1/L3		
		Suffix				Suffix		
16A	SFA1016	A	B	C	SFA2016	AB	BC	AC
20A	SFA1020				SFA2020			
32A	SFA1032				SFA2032			
40A	SFA1040				SFA2040			
50A	SFA1050				SFA2050			
63A	SFA1063				SFA2063			
80A	SFA1080				SFA2080			
100A	SFA1100	SFA2100						

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Step 5 Select accessories			
Panelboard	MP40041	MP40071	MP400121
Blanking plates for all unused ways			
Single pole	HNM1BL	HNM1BL	HNM1BL
Triple pole	HNM4BL	HNM4BL	HNM4BL
Blanking plates for every MCCB way when one or more PF devices fitted			
Single pole	HNF1BL	HNF1BL	HNF1BL
Triple pole	HNF4BL	HNF4BL	HNF4BL
Trim, required when 250A incomer fitted	TKA4	TKA7	TKA12
Side extension box			
508mm wide			
550mm wide	EXMS827	EXMS1170	EXMS1742
Top / bottom extension box			
226mm high			
379mm high	EXS151	EXS151	EXS151
MCCB Incomer padlocking device			
250A	29370	29370	29370
400A	HPALM	HPALM	HPALM
Door lock	QOKS1	QOKS1	QOKS1
2 Spare keys	SEK33	KQK33	KQK33
Terminal shields x 2 See page 42			
Plug-on metering kit for incoming supply - occupies 4 modules			
Digital, multi function meter	MP400kW	MP400kW	MP400kW
Weight in kg	44	74	100
Overall dimensions H x W x D	827x680x258	1170x680x258	1742x680x258
Fixing centres	533	876	1448