

LOADPRO CONSUMER UNIT WITH SURGE

Main Features

- Amendment 2 Compliant metal consumer unit
- Complete with SP&N 100A switch disconnecter incomer and with various RCCB protected ways
- Type 2 SPD fitted to address 18th edition requirements
- Meets the requirements of BS EN 61439-3
- Busbar rated at 100A
- Neutral and earth terminal for each outgoing 1-pole way
- Suitable for CU Series 6kA 1-pole MCBs and RCBOs



CATALOGUE NUMBERS

100A SP&N Switch Disconnecter Incomer

Outgoing SP Ways	Product Code
4	CU04SWDSPD
10	CU10SWDSPD
14	CU14SWDSPD
18	CU18SWDSPD

Dual RCCB Boards

100A SP&N Switch Disconnecter Incomer & dual 2 pole 80A 30mA RCCBs

Outgoing SP RCCB Protected Ways	Product Code
3 & 3	CU33RCCB280SPD
5 & 5	CU55RCCB280SPD
7 & 7	CU77RCCB280SPD



High Integrity Board

100A SP&N Switch Disconnecter Incomer & dual 2 pole 80A 30mA RCCBs

Outgoing SP RCCB Protected Ways	Outgoing SP Independent Ways	Product Code
4 & 4	2	CU442HISPD

Accessories

Type 2 SPD c/w cable harness	CUSPDK
Type 2 SPD	DSPC1PN
Type 2 SPD phase plug-in module	DSPCL
Type 2 SPD neutral/earth plug-in module	DSPCNE

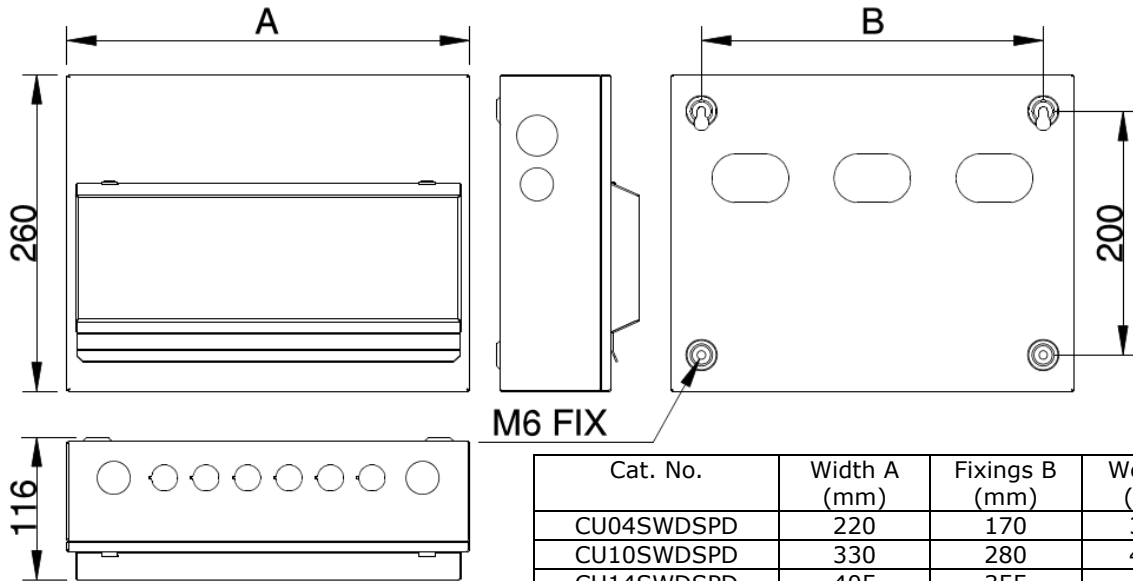
(Refer to separate data sheet for SPD technical information)



Technical data

Enclosure mounting	Surface
Busbar Current Rating	100A
External IP Rating	IP3X
Construction Outer	Painted 1.0mm (min) thick sheet steel.
Construction Inner	1.0mm (min) thick aluminium-zinc coated sheet steel.
Busbar	Copper comb
Paint	Epoxy powder coat colour Traffic White RAL9016

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Knockout Details

Knockout shape and size	CU04SWDSPD	CU10SWDSPD CU33RCCB280SPD	CU14SWDSPD CU55RCCB280SPD CU442HISPD	CU18SWDSPD CU77RCCB280SPD
32mm diameter	1 x each side	1 x each side	1 x each side	1 x each side
25mm diameter	1 x each side 2 x top 2 x bottom	1 x each side 2 x top 2 x bottom	1 x each side 2 x top 2 x bottom	1 x each side 2 x top 2 x bottom
20mm diameter	3 x top 3 x bottom	6 x top 6 x bottom	8 x top 8 x bottom	10 x top 10 x bottom
65 x 40mm obround	1 x rear	3 x rear	3 x rear	4 x rear