

Technical Data Sheet

LOADPRO CONSUMER UNIT WITH SURGE

Main Features

- Amendment 2 Compliant metal consumer unit
- Complete with SP&N 100A switch disconnector 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 Disconnector Incomer

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

Dual RCCB Boards

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

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

High Integrity Board

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

Outgoing SP RCCB	Outgoing SP	Product
Protected Ways	Independent Ways	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 Busbar Current Rating External IP Rating Construction Outer **Construction Inner** Busbar Paint

Surface 100A IP3X Painted 1.0mm (min) thick sheet steel. 1.0mm (min) thick aluminium-zinc coated sheet steel. Copper comb Epoxy powder coat colour Traffic White RAL9016



Tel: +44 (0) 844 225 1063 www.dormansmithswitchgear.com Email: sales@dormansmith.co.uk

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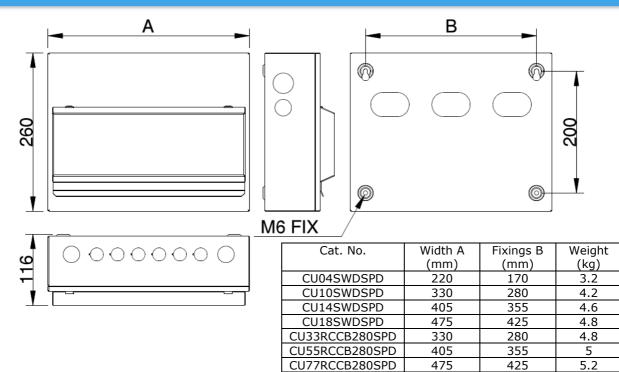


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Knockout Details

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

CU442HISPD

405

355

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