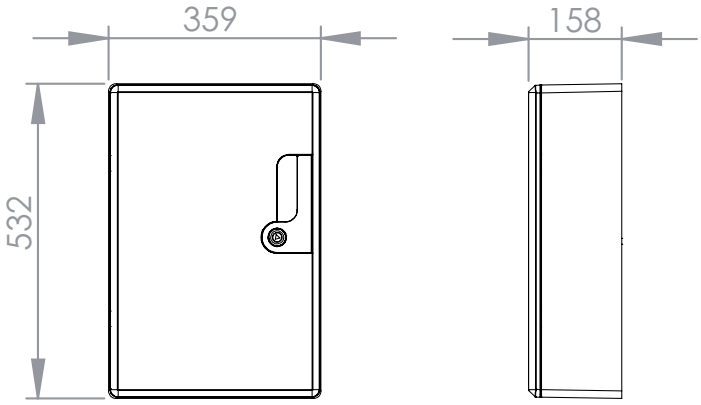
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Technical Specification

Product Code: CUPEB2801

Description: 28 Way Plastic Consumer Unit with 100A mainswitch & 100A RCCB + Devices





General Information

Dimensions With Door (mm)	354 (W) x 527 (H) x 158 (D)		
Colour	White		
Materials	Enclosure & Cover: ABS & Polycarbonate DIN Rail: Galvanised Steel		
Rated Operational Voltage (AC) (Ue)	240		
Frequency (Hz)	50/60		
Busbar Current Rating (A)	125		
Busbar Rating (kA)	10		
Maximum Rated Current (A) (In)	100		
Utilisation Category	AC-22A		
SPD Type	Type 2		
Free Ways	23		
Total Ways	28		
Device Terminals	Screwed Lug & Pin		
Main Switch Installed	1 x 100A (CU2MS100)		
Main Switch Terminal Capacity (mm²)	35	Main Switch Terminal Torque (Nm)	2.5
RCD Installed	1 x 100A 30mA RCCB (CU2RCD100A)		
RCD Terminal Capacity (mm²)	25	RCD Terminal Torque (Nm)	2.5
SPD Installed	1 x 40kA SPD (CU1SPD275)		
SPD Terminal Capacity - L&N (mm²)	4 - 16	SPD Terminal Torque (Nm)	L&N: 1.2, PE: 2
SPD Terminal Capacity - PE (mm²)	4 - 25		
Blanks Supplied	3 (Product Code: CU1BLANK)		
E&N Terminals	Screw		
E&N Bars Capacity (mm²)	35, 25 & 16	E&N Bars Torque (Nm)	
Tail Clamp Capacity (mm²)	25	Tail Clamp Torque (Nm)	1.5
Fire Resistance	650°C / 30s		
Fire Resistance Current Carrying Parts	960°C/30s		
Impact Rating	IK05		
Ingress Protection	IP3X		
Maximum Humidity (%)	95		
Storage Temperature (°C)	-40 to +75		
Operational Temperature (°C)	-5 to +40		
Warranty (Years)	3	Warranty - Devices (Years)	3

Standards BS EN 61439-3, BS EN 60947-3, BS EN 61643-1-11

Additional Information

For cleaning / polishing of products, use only a soft, dry, clean cloth.
The SPD cartridge must be removed for insulation resistance testing
SPD Cartridge Replaceable For L&N (Product Ref.CU1SPDC275)
Complete complement of earth and neutral terminals along with marking labels, busbar, mains cable clamp, blanks, grommet strip and instruction leaflet.

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Technical Specification

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Installed Components - Links To Datasheets & Declarations



CU2MS100



CU2RCD100A



CU1SPD275T



CU1MCB32B



CU1MCB16B



CU1RCBOD6B

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