



Consumer



# Metal Consumer Unit, Pre-fitted with 100A Switch, Surge Protection & MCB

Specification Sheet

Part No: EPMCUXX-ISSPD



Part No: EPMCU6-ISSPD



Part No: EPMCU10-ISSPD



Part No: EPMCU14-ISSPD

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## Enclosure Specifications

- Metalclad with hinged cover
- CE certified
- Cable entries all-round
- Spirit level fitted accessory kit included

Specification	
Number of Modules	10, 14, 18 Modules
Number of Free Ways	6, 10, 14 Ways
Current Rating	100A
Fully Compliant	Yes
Populated / Unpopulated	Part - Populated
Operating Voltage	230V

## SPD Specifications

- Nominal discharge current (8/20 $\mu$ s) in 20kA
- Maximum discharge current (8/20 $\mu$ s) in 40kA
- Cross-section area (Min.) 4mm<sup>2</sup>
- Cross-section area (Max.) 1P+NPE:L, N:10mm<sup>2</sup>, PE: 35mm
- Enclosure material thermal plastic UL94-V0

Specification	
Operating Temperature Range	-40° - 80°C
Number of Poles	1P+NPE
Operating Voltage	275V
Height	90mm
Width	18mm
Depth	72mm

## Incomer Specification

- Electrical life: 4,000 Cycles
- Mechanical life: 10,000 Cycles
- Contact position indicator: Yes
- Power supply in both directions
- Utilisation category: AC-22A

Specification	
Current rating	100A
Poles	2 Poles
Rated Voltage Ue	240/415V-
Rated frequency	50/60Hz
Rated short-time with stand current Icw	12Ie, 1s
Rated impulse withstand voltage (1.5/50) Uimp	4000V

## MCB Specifications

- Rated voltage Ue 230/400V~
- Insulation voltage Ui 500V
- Rated breaking capacity 6,000A
- Dielectric test voltage at ind.freq. for 1 min 2kV
- Thermo-magnetic release characteristics B

Specification	
Breaking Capacity	6kA
Current Rating	32A
Curve Type	Type B
Number of Poles	1 Pole
Electrical Life	8,000 Cycles
Mechanical Life	20,000 Cycles