



EV Metal Clad Single Phase Consumer Unit

Specification Sheet

Part No: EPMCUEV440

- Fully fitted and wired with RCBO and MCB
- ERiS Pro integrated 40kA T2 SPD
- 10kA, 15kA, 25kA, 50kA and 70kA SPD options
- 230V and 400V network capability
- Multi-MOV technology
- Replacement SPD cartridges
- Suitable for new installations and upgrades

ALSO
AVAILABLE
IN A PLASTIC
ENCLOSURE
IP65



Enclosure Specifications

- Metalclad with hinged cover
- CE certified
- BS EN 62208
- BS EN 61439-3 when fitted with mains switch or RCD
- Operating voltage: 230V

Specification	
Number of Modules	4 Module
Depth	108mm
Width	123mm
EClass Code	27-07
Height	184mm

RCBO Specifications

- AC & DC current
- Solid neutral
- Device can be locked safely in the 'ON' or 'OFF' position using a device lock
- Cable capacity: 25mm²
- Maximum torque setting: 2Nm
- CE & SEMKO Certified
- BS EN61009-1

Specification	
Number of Poles	2 Pole
Mounting Type	DIN Rail
Breaking Capacity	6kA
Current Rating	40A
Curve Type	Type C
EClass Code	27-07
Manufacturer Part Code	ERS2R640A

SPD Specifications

- Nominal discharge current (8/20µs) In 20kA
- Maximum discharge current (8/20µs) I_{max} 40kA
- Cross-section area (Min.) 4mm²
- Cross-section area (Max.) 1P+NPE:L, N:10mm², PE:35mm
- Enclosure material Thermal Plastic UL94-V0

Specification	
Depth	72mm
Height	90mm
Width	18mm
Manufacturer Part Code	EP-SPD
Operating Voltage	275V

MCB Specifications

- Rated voltage U_e 230/400V~
- Insulation voltage U_i 500V
- Rated breaking capacity 6,000A
- Energy limiting class 3
- Dielectric test voltage at ind.Freq. for 1min 2kV
- Thermo-magnetic release characteristic B
- Electrical life 8,000 Cycles

Specification	
Breaking Capacity	6kA
Current Rating	32A
Curve Type	Type B
Manufacturer Part Code	EP1P-B32
Mounting Type	DIN Rail
Number of Poles	1 Pole