

Power Supply

115–230VAC to 48VDC

A4EM0200

Description

The A4EM0200 power supply takes an input voltage of 115 to 240 VAC and converts it to 48 VDC. The power supply includes a white, outdoor-rated aluminum enclosure, making it suitable for outdoor installation.

Electrical Specifications

- Input voltage: 100 to 240 VAC, 47 to 63 Hz
- Input current: 1 A @ 120 VAC
- Output voltage: 48 VDC, 100W
- Power factor compensation: meets EN61000-3-2-3
- Terminals (x2): 14 to 22 AWG (9.5 mm (3/8 in) strip length)
- Cable entry ports:
 - DC: 22 mm (7/8 in) diameter fitted with 13 mm (0.5 in) cable gland
 - AC: 28 mm (1.1 in) diameter fitted with 19 mm (0.75 in) cable gland
- Fuses (x2): 3.15A, 250V ceramic (5 x 22 mm)

Physical Specifications

- Dimensions (L/W/D): 31.8 x 23.0 x 13.0 cm (12.5 x 9 x 5.25 in)
- Weight: 3.44 kg (7.6 lb)
- CSA Type 4 enclosure
- White polyester powder paint over clear iridite finish

Environmental Specifications

- Temperature (operating): -20 to 55 °C (-4 to 131 °F)
- Humidity (operating): 20% to 90% non-condensing (measured inside enclosure)

Regulatory compliance

- Safety: EN 60950-1:2006
- CE: Conformant to Directives 2017/2102 and 2015/863 (RoHS 3)
- REACH

