

# Power supply

## 12 V DC / 4.5 A power supply



|               |                     |
|---------------|---------------------|
| Model number: | <b>PS-12-60-IQ</b>  |
| Mounting:     | DIN rail, 4M, 71 mm |
| Dimensions:   | 91 x 71 x 55.6 mm   |

## Highlights & Features

- Protection Class II, Double Isolation (No Earth connection is required)
- Universal AC input voltage and full power up to 55°C
- Power will not de-rate for the entire input voltage range
- Efficiency > 85.0% @ 115Vac & 230Vac
- NEC Class 2 / Limited Power Source (LPS) certified
- Over-voltage / Overcurrent / Over Temperature Protections

## Safety standards

CB Certified for worldwide use TUV to EN 60950-1, UL/cUL recognized to UL 60950-1 and CSA C22.2 No. 60950-1, CB scheme to IEC 60950-1, Limited Power Source (LPS)

## Technical specification

|                                 |                                    |
|---------------------------------|------------------------------------|
| Input voltage range             | 90 - 264 VAC                       |
| Output voltage                  | 12 VDC                             |
| Output current                  | 4.50 A                             |
| Input current                   | < 1.50A @ 115Vac, < 1.00A @ 230Vac |
| Max Inrush Current (Cold Start) | < 30A @ 115Vac, < 60A @ 230Vac     |
| Operating temperature           | -25°C to +71°C                     |
| Storage temperature             | -25°C to +85°C                     |

## Terminals

|                         |          |                 |
|-------------------------|----------|-----------------|
| Mains input             | <b>L</b> | Input Live      |
|                         | <b>N</b> | Input Neutral   |
| 24V power supply output | <b>+</b> | Output + 24 VDC |
|                         | <b>-</b> | Output 0 VDC    |

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