

EIP060V0240LS

LED power supply for 24 Vdc constant voltage
2.5 A (60 W) max., IP20, independent installation, non-dimmable



Electrical data

| | | |
|--|---------------|---------------|
| Input voltage (nominal) | 220...240 Vac | |
| Input voltage (range) | 176...264 Vac | |
| Mains frequency | 50/60 Hz | |
| Power factor (λ) | ≥ 0.9 | 220...240 Vac |
| Input current | 0.48 A | |
| No-load loss | ≤ 0.3 W | |
| Inrush current | 20 A | |
| Leakage current | < 0.5 mA | 240 Vac |
| Output voltage | 24 Vdc | |
| Output current | 0...2.5 A | |
| Output power (nominal) | 60 W max. | |
| Efficiency | ≥ 86 % | |
| Life time | > 30000 h | 50 °C |
| Dimmable | No | |

Operating condition

| | |
|---|--------------|
| Operating temperature range (t_a) | -10...+50 °C |
| Max. Surface temperature (t_c) | 85 °C |
| Permitted rel. humidity during operation | 20...95 % |
| Protection class | II |
| Type of protection | IP20 |

Protection

| | | |
|---------------------------------|-------|-------------|
| Short circuit protection | Yes * | |
| Overload protection | Yes * | 105...150 % |
| Overvoltage protection | Yes * | > 25 Vdc |
| Overheating protection | Yes * | |

(*) The output shut off and will be resumed after problem is removed and led driver is restarted.

Standards & Certificates

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|------------------------|--|
| Standards (LVD) | EN 61347-1, EN 61347-2-13 |
| Standards (EMC) | EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-5 EN 55015, EN 61547 |
| Approval marks | CE, TÜV Rheinland |
| RoHS compliant | Yes |

Dimension & Installation

| | |
|--|----------------------------|
| Type of installation | Independent installation |
| Type of connection | Screw terminal |
| Cable cross-section, input side | 0.75...1.5 mm ² |
| Cable cross-section, output side | 0.75...1.5 mm ² |
| Cable preparation length, input side | 6...8 mm |
| Cable preparation length, output side | 6...8 mm |

