

15 W
AC/DC
EXTER-
NAL

15 Watt Universal Power

Uni-Input-R-Serie mit austauschbarem Stecker



Besondere Merkmale Features

| | |
|-----------------------------------|--------------------------------------|
| Steckerschaltnetzteil | Plug in switching adaptor |
| Doppelte Isolation | Double insulated |
| Geringer Standby-Verbrauch | Low standby current usage |
| Power On LED | Power On LED |
| Kompakter Aufbau | Small low profile package |
| Überlast- und kurzschlußfest | Overload, short circuit protection |
| Stecker auswechselbar EU/US/UK/AU | Replaceable plug adaptor EU/US/UK/AU |
| EuP Step 1 / EnergyStar IV | EuP Step 1 / EnergyStar IV |

Anwendung Application

| | |
|-------------------------|-------------------------|
| Drahtlose Kommunikation | Wireless communications |
| Peripheriegeräte | Peripherals |
| Netzwerktechnik | Networking |
| Mobile Ausrüstungen | Portable equipment |

Technische Daten Specification

(bei 25°C Umgebungstemperatur) at 25 °C ambient temperature

Eingangsdaten Input Specifications

| | | |
|-------------------------|------------------------------|-------------------------|
| Eingangsspannung | Input voltages | 90...264 VAC |
| Eingangsfrequenz | Input frequency | 47...63 Hz |
| Funkentstörung | Conduc. interference | FCC class B / EN55022 B |
| Netzausfallüberbrückung | Hold-up time, nom.conditions | 16 ms@115VAC |
| Einschaltstromstoß | Inrush current | <30A/115V, <60A/230V |

Ausgangsdaten Output Specifications

| | | |
|------------------|---------------------|--------------|
| Leistung | Power | 15 Watt |
| Wirkungsgrad | Efficiency | typ. 70% |
| Schaltfrequenz | Switching frequency | typ. 100 kHz |
| Regelabweichung | Regulation | |
| Hauptausgang | main output | <1% |
| Ausregelzeit ±2% | Recovery time ±2% | max. 1 ms |
| Restwelligkeit | Ripple and noise | <1% max. |

Allgemeine Daten General Specifications

| | | |
|------------------------|------------------------------|---|
| Betriebstemperatur | Operating temperature | 0°C...+40°C |
| Lagertemperatur | Storage temperature | -25°C...+75°C |
| Isolation | Dielectric Withstand (Hipot) | 3000VAC 1min inp.<->outp. |
| Überstromschutz | Overcurrent protection | Short circuit, auto restart |
| Überspannungsschutz | Overvoltage protection | 120 %, auto restart |
| MTBF | MTBF | >100,000 h @25°C, MIL HDBK 217E |
| EMV | EMC | EN50082-1, EN61000-4-2,4-3,4-4,4-5,4-6,4-11 |
| | | EN 61000-3-2, EN61000-3-3 |
| Zulassungsbestimmungen | Safety requirements | TÜV EN60950, cUL 1950 Class 2, |

PHONING

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Bestell-Information / Order Information

| Modell | Ausgang Output | Last/Load | | Ripple P-P |
|-------------|----------------|-----------|---------|------------|
| | | Min. | Max. | |
| PSA-15R-050 | 5 V | 0.0 A | 3.0 A | 50 mV |
| PSA-15R-090 | 9 V | 0.0 A | 1.67 A | 90 mV |
| PSA-15R-120 | 12V | 0.0 A | 1.25 A | 120 mV |
| PSA-15R-150 | 15V | 0.0 A | 1.0 A | 150 mV |
| PSA-15R-240 | 24V | 0.0 A | 0.625 A | 240 mV |
| PSA-15R-480 | 48V | 0.0 A | 0.31 A | 480 mV |

Andere Typen und Spannungen auf Anfrage • Other models and configurations on request.

Eingangsstecker bitte separat bestellen - Please order input-plug separately

Vermerk

- 1-Lastsensor am DC-Stecker (3,3 V & 5 V) zum Ausgleich von Leitungsverlusten
- 2-Restwelligkeit gemessen mit einer 25 cm verdrehten Leitung, welche mit einer 10 µF-Kapazität abgeschlossen wird und zu einer 0,1 µF-Kapazität parallel geschaltet ist.

Remarks

- 1-Loadsense at DC outputplug (3,3 V & 5 V) to compensate cable losses
- 2-Ripple and Noise is measured by using a 12 inch twisted pair cable, terminated with a 10 µF capacitor and a 0.1 µF ceramic in parallel.

MEMO:

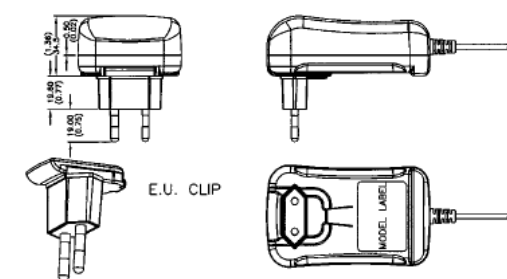
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Mechanical

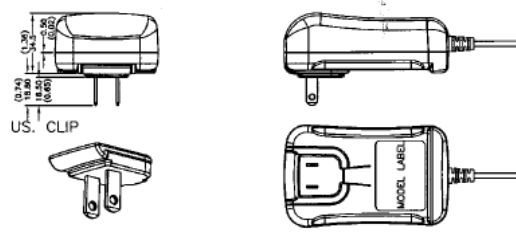
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| LxBxH | LxWxH | 86 x 53 x 36 mm |
| Gewicht | Weight | 124 g |

PIN-Belegung und Zeichnung / Pin Assignments & Drawing

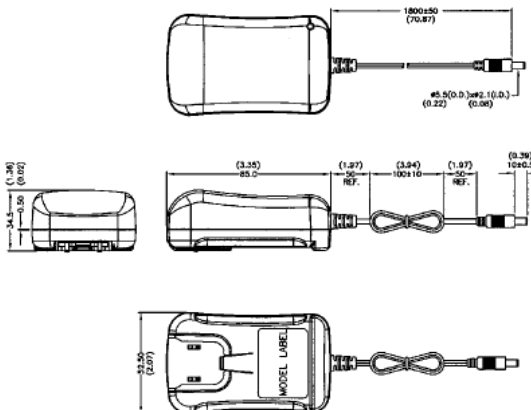
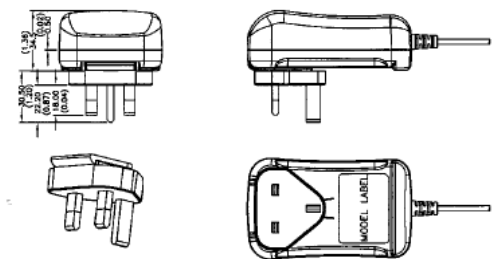
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