

Data sheet:

Power supply 12V / 60W for DIN rail mount



Article no.: 11086

EUR 59.00

Net price for commercial users

12V DIN rail power supply

Power supply with wide-range input 100...240V incl. CE Marking and UL approval

Properties

General information:

- High efficiency: typ. 86%
- Limited Power Source (LPS)
- Potential-free "Power Good" contact
- Generous operating temperature range: -20...+70 degrees Celsius
- Compact DIN rail housing: 40 x 90 x 100 mm

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance for industrial environments
 - Low noise emission for residential and business areas

♥ Wish for something!
Your suggestions for improvement and additions

Background information:

Often a combination of W&T interfaces or Com-Servers together with other 12V consumers is used at a central location.

In such cases a common power supply for the interfaces and the peripherals makes the application much more organized than would be the case powering the devices with their own individual power supplies.

This assignment is handled elegantly and cost-effectively with the 60W DIN rail mount power supply model 11086, which can power multiple interfaces or Com-Servers and the connected peripherals centrally.

All you need to ensure is that the total power consumed does not exceed the capability of the DIN rail power supply.

Thanks to the generous operating temperature range, the DIN rail mount power supply is also ideal for applications where the standard plug-in power supply provided with the Interfaces cannot be used due to the expected high ambient temperatures.

Technical data

Output power:	max. 60W
Efficiency:	typ. 86%
Input voltage:	85..264VAC, 120..370VDC
Frequency:	47..63 Hz
Input current:	1A at 230V AC
Inrush:	max. 60A at 230V AC
No-load losses:	<0.75W
LPS:	Yes
Output voltage:	12V DC (selectable 12..15V)

Tolerance: +/-1%
Ripple: max. 120mV
Rated current: 5A
Minimum load: none

Overcurrent limiter: at 105%..150% of rated current
Short circuit protected: Yes
Overvoltage protection: Shutdown at 15.6..18V
Reset using POWER ON

Start time: 500ms at rated load and 230V AC
Rise time: 30ms at nominal load and 230V AC
Voltage bridging: 50ms at rated load and 230V AC

Cooling: Convection cooling
Dielectric strength: In-Out: 3KV AC
Isolation resistance: In-Out: 100 MOhm at 500VDC

Operating temperature: -20..70°C, reduction factor
between 60..70°C
Storage temperature: -40..85°C
Relative humidity: Operating: 20..90% relative humidity
Storage: 10..95% relative humidity
(non-condensing)

Connections: 3-pin input, 4-pin output
with screw terminals
MTBF: >299,200 hours (per MIL-HDBK-217F at 25° C)
Merchandise: 2-year manufacturer's guarantee

Weight: 330 g
Dimensions: 40 x 90 x 100 mm

Approvals: UL, c-UL, TÜV, CB, CE
Safety: Meets
UL 60950-1 / EN 60950-1
EN 62368-1
EMC: Meets
EN 55022 B
EN 61000-3-2, EN 61000-3-3
EN 61000-4-2, EN 61000-4-3
EN 61000-4-4, EN 61000-4-5
EN 61000-4-6, EN 61000-4-8
EN 61000-4-11, ENV 50204
EN 61204-3, EN 61000-6-1

Manufacturer: MEAN WELL Enterprises Co., Ltd.
Power supply type: MDR-60-12



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