

Data sheet:

Power supply for DIN rail, 12V / 1.25A DC



Article no.: 11087

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Compact DIN Rail Power Supply

15 Watt power supply for DIN rail mount per DIN EN 60715

Properties:

General information:

- Compact housing cross-section (similar to a circuit breaker)
 - allows use of the power supply in building automation control cabinets
- Flexible in application:
 - Generous 100...240V input range
 - CE Marking and UL Listed
- High efficiency: typ. 85%
- Large operating temperature range: -20...+60 degrees Celsius
- Compact DIN rail housing: 25 x 93 x 56 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

W&T Web-IOs are often used in larger quantities at a centralized location. In such situations a common power supply for the devices makes the application much more transparent than would be the case if the devices were powered individually.

If there is not already a 12V power supply in the installation, this problem can be solved elegantly and cost-effectively with the 15W DIN rail power supply #11087, which can be used to power multiple 12V devices.

Of course the power supply can also be used where in addition to the 12V supply for the Web-IO assembly group power is also required for the rest of the installation. In this case you simply need to ensure that the total current draw does not exceed the rating of the DIN rail unit.

Technical data

Output power:	max. 15W
Efficiency:	typ. 84%
Input voltage:	85..264VAC, 120..370VDC
Frequency:	47..63 Hz
Input current:	0.48A at 230V AC
Inrush:	max. 65A at 230V AC
No-load losses:	<0.5W
Output voltage:	12V DC (selectable 10.8...13.2V)
Tolerance:	+/-1%

Ripple: max. 120mV
Rated current: 1.25A
Minimum load: none

Overcurrent limiter: at 105%...160% of the nominal current
Short circuit protected: Yes
Overvoltage protection: Shutdown at 13.8...16.2V
Reset using POWER ON

Start time: 1000ms at rated load and 230V AC
Rise time: 50ms at rated load and 230V AC
Voltage bridging: 70ms 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..60°C, power derating
over a range of 50..60°C
Storage temperature: -40..85°C
Relative humidity: Operating: 20..90% relative humidity
Storage: 10..95% relative humidity
(non-condensing)

Connections: 2-pin input, 2-pin output
with screw terminals
MTBF: >1,172,300 hours (per MIL-HDBK-217F at 25° C)
Merchandise: 2-year manufacturer's guarantee

Weight: 85 g
Dimensions: 25 x 93 x 56 mm

Approvals: UL, c-UL, TÜV, CB, CE
Safety: Meets
UL 60950-1 / EN 60950-1
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: DR-15-12



www.WuT.de

[We are available to you in person:](#)

Wiesemann & Theis
GmbH
Porschestra. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5
p.m.)
Fax: +49 202/2680-265
info@wut.de

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