

Data sheet:

Power supply for DIN rail, 48V / 0.83A DC



Article no.: 11089

EUR 55.00

 Net price for
 commercial users

Compact 48V DIN rail power supply

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

Properties

General information:

- High efficiency: typ. 88%
- Limited Power Source (LPS)
- 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 per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3

♥ Wish for something!
[Your suggestions for improvement and additions](#)

Technical data

Output power:	max. 40W
Efficiency:	typ. 88%
Input voltage:	85..264VAC, 120..370VDC
Frequency:	47..63 Hz
Input current:	0.7A at 230V AC
Inrush:	max. 60A at 230V AC
No-load losses:	<0.75W
LPS:	Yes
Output voltage:	48V DC (adjustable 48..56V)
Tolerance:	+/-1%
Ripple:	max. 200mV
Rated current:	0.83A
Minimum load:	none
Overcurrent limiter:	at 105%..150% of rated current
Short circuit protected:	Yes

Overvoltage protection: Shutdown at 57.6..64.8V
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: >301,700 hours (per MIL-HDBK-217F at 25° C)
Merchandise: 2-year manufacturer's guarantee

Weight: 300 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-40-48



We are available to you in person:

Wiesemann & Theis GmbH
Porschestr. 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

© Wiesemann & Theis GmbH, subject to mistakes and changes: Since we can make mistakes, none of our statements should be applied without verification. Please let us know of any errors or misunderstandings you find so that we can become aware of and eliminate them.

[Data Privacy](#)