

PRO PM 150W 12V 12.5A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Due to the wide range of variants with output voltages of 5, 12, 24, and 48 V and extensive international approvals, they are suitable for use in many applications. The power range extends from 35 W to 350 W. The individual adaptability makes PRO-PM the right choice for many standard machines.

General ordering data

Version	Power supply, switch-mode power supply unit
Order No.	2660200288
Type	PRO PM 150W 12V 12.5A
GTIN (EAN)	4050118767117
Qty.	1 pc(s).

PRO PM 150W 12V 12.5A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	159 mm	Depth (inches)	6.26 inch
Height	30 mm	Height (inches)	1.181 inch
Width	97 mm	Width (inches)	3.819 inch
Net weight	394 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...70 °C
Humidity	5...95 % RH		

Probability of failure

SIL in compliance with IEC 61508	None
----------------------------------	------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Lead oxide 1317-36-8
------------	--------------------------------------

Input

AC input voltage range	90...264 V AC	
Connection system	Screw connection	
Current consumption in relation to the input voltage	Voltage type	AC
	Input voltage	230 V
	Input current	2 A
	Voltage type	AC
	Input voltage	115 V
	Input current	3.5 A
Frequency range AC	47...63 Hz	
Inrush current	max. 45 A	
Rated input voltage	100...240 V AC	
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C	

Output

Connection system	Screw connection	Mains failure bridge-over time	20 ms
Output power		Output voltage, note	± 10% nominal output voltage tolerance, adjustable with potentiometer
	150 W		
Overload protection	120%...180% I _{nominal} , hiccup mode with automatic recovery	Parallel connection option	Yes, with diode module
Rated current	12.5 A	Rated output voltage	12 V DC
Residual ripple, breaking spikes	< 100 mV _{pp}	Surge protection	13.5...16.2 V @ 12 V DC

General data

Degree of efficiency	84%	Derating	> 50°C (2% / 1°C)
Humidity	5...95 % RH	Mounting position, installation notice	Panel mount, screw fix
Operating temperature	-20 °C...70 °C	Short-circuit protection	Yes
Status indication	LED green: ready		

PRO PM 150W 12V 12.5A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

EMC / shock / vibration

Interference immunity test acc. to

Burst: EN 61000-4-4 /
ESD EN 61000-4-2,
EN61000-4-3 (HF field),
EN 61000-4-5 (surge), EN
61000-4-6 (conducted),
EN61000-4-8 (Fields), EN
61000-4-11 (Dips)

Noise emission in accordance with
EN55032

Shock resistance IEC 60068-2-27

30 g in all directions

Vibration resistance IEC 60068-2-6

Class B

10...500 Hz, constant
acceleration 5 g, 10
minutes/cycle, 60
minutes/axis

Insulation coordination

Insulation voltage, input/output

3 kV

Connection data (input)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, rigid , max.

4 mm²

Connection system

Screw connection

Conductor cross-section, AWG/kcmil ,
min.

21

Conductor cross-section, rigid , min.

0.34 mm²

Connection data (output)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, rigid , max.

4 mm²

Connection system

Screw connection

Conductor cross-section, AWG/kcmil ,
min.

21

Conductor cross-section, rigid , min.

0.34 mm²

Signalling

Status indication

LED green: ready

Classifications

ETIM 6.0

EC002540

ETIM 8.0

EC002540

ECLASS 9.1

27-04-07-01

ECLASS 11.0

27-04-07-01

ETIM 7.0

EC002540

ECLASS 9.0

27-04-07-01

ECLASS 10.0

27-04-07-01

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Catalogues

[Catalogues in PDF-format](#)