

PRO PM 35W 5V 7A**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.	2660200277
Type	PRO PM 35W 5V 7A
GTIN (EAN)	4050118781083
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	99 mm	Depth (inches)	3.898 inch
Height	30 mm	Height (inches)	1.181 inch
Width	82 mm	Width (inches)	3.228 inch
Net weight	223 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Lead oxide 1317-36-8	SCIP	015c3a09-4dd7-4b84-85e2-16a46fa4
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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	0,5 A
	Voltage type	AC
	Input voltage	115 V
	Input current	1 A
Frequency range AC	47...63 Hz	
Inrush current	max. 45 A	
Nominal power consumption	42.7 VA	
Rated input voltage	100...240 V AC	
Recommended back-up fuse	2 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
	35 W		
Overload protection	120%...180% I _{nominal} , hiccup mode with automatic recovery	Parallel connection option	Yes, with diode module
Rated current	7 A	Rated output voltage	5 V DC
Residual ripple, breaking spikes	< 100 mV _{PP}	Surge protection	5.6...6.8 V @ 5 V DC

General data

Degree of efficiency	82 %	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		

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Technical data

EMC / shock / vibration

Interference immunity test acc. to

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

2 kV

Insulation voltage output / earth

0.5 kV

Insulation voltage, input/output

3 kV

Electrical safety (applied standards)

Safety extra-low voltage

SELV acc. to IEC 60950-1,
PELV according to EN
60204-1

Connection data (input)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, AWG/kcmil ,
min.

21

Conductor cross-section, rigid , max.

4 mm²

Conductor cross-section, rigid , min.

0.34 mm²

Connection system

Screw connection

Connection data (output)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, AWG/kcmil ,
min.

21

Conductor cross-section, rigid , max.

4 mm²

Conductor cross-section, rigid , min.

0.34 mm²

Connection system

Screw connection

Signalling

Status indication

LED green: ready

Classifications

ETIM 6.0

EC002540

ETIM 7.0

EC002540

ETIM 8.0

EC002540

ECLASS 9.0

27-04-07-01

ECLASS 9.1

27-04-07-01

ECLASS 10.0

27-04-07-01

ECLASS 11.0

27-04-07-01

ECLASS 12.0

27-04-07-01

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)