

PRO PM 250W 12V 21A**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.	2660200291
Type	PRO PM 250W 12V 21A
GTIN (EAN)	4050118782080
Qty.	1 pc(s).

PRO PM 250W 12V 21A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	215 mm	Depth (inches)	8.465 inch
Height	30 mm	Height (inches)	1.181 inch
Width	115 mm	Width (inches)	4.528 inch
Net weight	736 g		

Temperatures

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

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	3.8 A	
Frequency range AC	47...63 Hz		
Inrush current	max. 60 A		
Nominal power consumption	297.6 VA		
Rated input voltage	100...240 V AC		
Recommended back-up fuse	6 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
	250 W		
Overload protection	120%...180% I _{nominal} , hiccup mode with automatic recovery	Parallel connection option	Yes, with diode module
Rated current	21 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
Protection degree	IP20	Short-circuit protection	Yes
Status indication	LED green: ready		

PRO PM 250W 12V 21A

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 ac- celeration 5 g, 10 min- utes/cycle, 60 minutes/ax- is

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 mm ²	Conductor cross-section, rigid , min.	0.34 mm ²
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 mm ²	Conductor cross-section, rigid , min.	0.34 mm ²
Connection system	Screw connection		

Signalling

Status indication	LED green: ready
-------------------	------------------

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	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
ECLASS 13.0	27-04-07-01	ECLASS 14.0	27-04-07-01
ECLASS 15.0	27-04-07-01		

PRO PM 250W 12V 21A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1 Lead monoxide 1317-36-8
SCIP	015c3a09-4dd7-4b84-85e2-16a46fa4e79a

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	PRO PM 250W UL 62368.pdf Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format