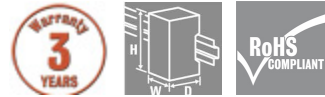


**INSTA
CP SNT 48W 48V 1A**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



One-phase switched-mode power unit in installation housing in performance classes 24 and 48 W. .
 The INSTA power units can be universally deployed because of their wide input range from 85 V AC to 265 V AC.
 They are available with output voltages from 5 V to 48 V.

General ordering data

Order No.	8879230000
Type	CP SNT 48W 48V 1A
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248615148
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	62.5 mm	Width	70 mm
Height	90.5 mm	Depth	62.5 mm
Weight	0.2 kg	Net weight	380 g

Temperatures

Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)	Storage temperature	-20 °C...+85 °C
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Input

Conductor connection system	Screw connection	Input current	500 mA at rated load @ 230 V AC
Input current at 115 Vac	500 mA	Input current at 230 Vac	500 mA
Input frequency	50/ 60 Hz	Input fuse	Fusible link 2.5 A (T) / 250 V
Input voltage (voltage mode input)	85...264 V AC / 110...370 V DC	Turn-on current limit	Yes

output

Conductor connection system	Screw connection	Control at 10...100% load	1%
Mains failure bridge-over time	11 ms @ 115 V AC / 50 ms @ 230 V AC	Max. capacitance at output	10000 µF
Max. residual ripple	120 mV _{SS}	Output current	1 A
Output power	48 W	Output voltage type	DC
Output voltage, max.	55 V	Output voltage, min.	46 V
Output voltage, note	(adjustable via potentiometer)	Overload protection	105 %...150 % I _{const} of max. output load; automatic reset
Parallel connection option	Max. 3 devices (rated voltages are to be calibrated at ±20 mV)	Surge protection	Varistor

General data

Building Width	62.5 mm	Building height	90.5 mm
Degree of efficiency at max. load	80%	EMC standards	EN 55011, EN 55022, EN 61000-3-2,-3, EN 61000-6-2,-3,-4
Installation advice	For side-by-side mounting, clearance: above/below > 30 mm	MTBF	> 500,000 h acc. to IEC 1709 (SN29500)
Mounting position, installation notice	horizontally, on terminal rail TS 35	Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)
Standards	DIN EN 50178 (PELV), DIN EN 60950 (SELV)	Status indication	Green LED
Weight	0.2 kg		

Insulation coordination

Humidity at operating temperature	5...95% (indoor), T _u = 40°C, no condensation	electrical isolation, I/O rail	4 kV
electrical isolation, input-earth	1.5 kV	electrical isolation, input-output	3 kV
electrical isolation, output-earth	0.5 kV		

Creation date February 26, 2013 9:06:30 PM CET

Catalogue status 20.12.2012 / We reserve the right to make technical changes.

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Technical data

Signalling

Status indication Green LED

Approvals

Institute (UL)



Certificate No. (UL)

E252191VOL1SEC2

Institute (cURus)



Certificate No. (cURus)

E255651-A10-UL-1

Rated data UL

Certificate No. (UL) E252191VOL1SEC2

Classifications

ETIM 3.0	EC001039	UNSPSC	30-21-18-01
eClass 5.1	27-04-90-02	eClass 6.0	27-04-90-04
eClass 7.0	27-04-90-04		

Approvals

Approvals



Downloads

Package insert	Operating Instructions
Declaration of Conformity	K286_06_09.pdf
PDF	Warranty information
3-D model	

Data sheet...

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Drawings

Electric symbol

