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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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INSTA CP SNT 48W 12V 4A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 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.	8754970000
Part designation	CP SNT 48W 12V 4A
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248426126
Qty.	1 pc(s).

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Technical data

Dimensions (1)

Weight	0.2 kg	Length	62.5 mm
Width	70 mm	Height	90.5 mm

temperature

Ambient temperature (operational)	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	Rated control voltage	115 / 230 V AC (85...264 V AC, 110...370 V DC)
making 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	Mains failure bridge-over time for 115 V AC	11 ms
Mains failure bridge-over time for 230 V AC	50 ms	Max. capacitance at output	8000 µF
Max. residual ripple	120 mV _{SS}	Output current	4 A
Output power, max.	48 W	Output voltage	(adjustable via potentiometer)
Output voltage type	DC	Output voltage, max.	15 V
Output voltage, min.	9 V	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

Ambient temperature (operational)	DIN Rail compatibility	TS 35
Degree of efficiency at max. load	Depth	80 mm
EMC standards	Installation advice	For side-by-side mounting, clearance: above/below > 8 mm
Mounting position, installation notice	Standards	EN 50178 (PELV) EN 60950 (SELV)
Status indication	Ambient temperature (operational)	-10 °C...+70 °C (derating from 55 °C)
		Green LED

Insulation coordination

Humidity at operating temperature	5...95 % (indoors), Tu = 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		

Connection data

Clamping range, nom.	2.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	4 mm ²		

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www.weidmueller.com**Technical data****Approvals**

Approvals institutes	CCSAUS; CULUS; CURUS; UL; CE; CLASS2
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Classifications

eClass 5.1	27-04-90-02	eClass 6.0	27-04-90-04
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Notes

Note, technical data	The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.
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Drawings

Electric symbol

