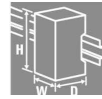


## INSTA CP SNT 25W 5V 5A

**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.	<a href="#">8754960000</a>
Type	CP SNT 25W 5V 5A
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248426119
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	352 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 <sub>SS</sub>	Output current	5 A
Output power	25 W	Output voltage type	DC
Output voltage, max.	8 V	Output voltage, min.	4 V
Output voltage, note	(adjustable via potentiometer)	Overload protection	105 %...150 % I <sub>const</sub> 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	70%	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 <sub>u</sub> = 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 9:04:49 PM CET

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

**Data sheet...**

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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 2.0	EC001039	ETIM 3.0	EC001039
UNSPSC	30-21-18-01	eClass 4.1	27-24-04-10
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	<a href="#">Operating Instructions</a>
Declaration of Conformity	<a href="#">K286_06_09.pdf</a>
PDF	<a href="#">Warranty information</a>
<a href="#">3-D model</a>	

**Data sheet...**

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**Drawings**

**Electric symbol**

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