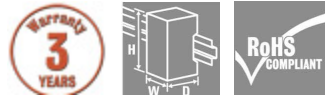


INSTA CP SNT 25W 5V 5A

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

Type	CP SNT 25W 5V 5A
Order No.	8754960000
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248426119
Qty.	1 pc(s).

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

Technische Daten

Dimensions and weights

Width	70 mm	Height	90.5 mm
Depth	62.5 mm	Weight	0.2 kg
Net weight	352 g		

Temperatures

Humidity at operating temperature	5...95% (indoor), $T_u = 40^\circ\text{C}$, no condensation	Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)
Storage temperature	-20 °C...+85 °C		

Input

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	Wire connection method	Screw connection

output

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	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_{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	Wire connection method	Screw connection

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), $T_u = 40^\circ\text{C}$, 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		

**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

Technische Daten

Signalling

Status indication Green LED

Approvals

Institute (UL)		Certificate No. (UL)	E252191
Institute (cURus)		Certificate No. (cURus)	E255651

Rated data UL

Certificate No. (UL) E252191

Classifications

ETIM 3.0	EC001039	UNSPSC	30-21-18-01
eClass 5.1	27-04-90-02	eClass 6.2	27-04-90-04
eClass 7.1	27-04-90-04		

Product information

Descriptive text ordering data The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Approvals

Approvals	
ROHS	Conform

Downloads

Package insert	Operating Instructions
Declaration of Conformity	K499_08_12.pdf
PDF	Warranty information
3D Modell	

Datenblatt

**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

Zeichnungen

Electric symbol

