

INSTA
CP SNT 24W 15V 1.5A
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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

Delivery status	This article will no longer be available in the future.
Available until	2019-12-31
Type	CP SNT 24W 15V 1.5A
Order No.	9928890015
Version	Power supply, switch-mode power supply unit, 15 V
GTIN (EAN)	4032248217540
Qty.	1 pc(s).
Alternative product	2580220000

Creation date July 9, 2020 9:01:53 AM CEST

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Technical data
Dimensions and weights

Width	52 mm	Width (inches)	2.047 inch
Height	90.5 mm	Height (inches)	3.563 inch
Depth	62.5 mm	Depth (inches)	2.461 inch
Weight	171.9 g	Net weight	171.9 g

Temperatures

Operating temperature, max.	50 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-20 °C...50 °C	Storage temperature	-40 °C...85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Connection system	Screw connection	DC input voltage range	80...370 V DC
Input current	460 mA @ 115 V AC; 250 mA @ 230 V AC	Input current at 115 Vac	460 mA RMS $\pm$ 20%
Input current at 125 Vdc	235 mA $\pm$ 20%	Input current at 250 Vdc	120 mA $\pm$ 20%
Input frequency	50/ 60 Hz	Input fuse	2 A time-lag fuse (internal)
Input voltage (voltage mode input)	85...265 V AC, 120...300 V DC	Inrush Current Limitation	Thermistor
Surge protection	Varistor	Wire connection method	Screw connection

Output

Control at 10...100% load	0.5%	Control at input voltage	0.2%
Mains failure bridge-over time	35 ms @ 115 V AC / 160 ms @ 230 V AC	Max. capacitance at output	8000 μ F
Max. residual ripple	< 2 %	Output current	1.5 A
Output power	22.5 W	Output voltage	15 V
Output voltage type	DC	Overload protection	Surge current / thermal cut-out
Parallel connection option	Yes, max. 2	Surge protection	Varistor
Wire connection method	Screw connection		

General data

Degree of efficiency at max. load	78%	EMC standards	EN 61000-6 /-2, -3
Mounting position, installation notice	horizontally, on terminal rail TS 35	Operating temperature	-20 °C...50 °C
Protection degree	IP20	Short-circuit protection	Yes
Standards	DIN EN 50178, DIN EN 60950, IEC950		

System data

Output current	1.5 A
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Insulation coordination

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

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Technical data
Connection data (input)

Connection system	Screw connection
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Approvals

Institute (CSA)		Certificate No. (CSA)	
			200039-1753861CB
Institute (cULus)		Certificate no. (cULus)	
			E196651

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01
eClass 10.0	27-04-07-01		

Approvals

Approvals	
ROHS	Conform

Downloads

Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD

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Drawings

Electric symbol

