

**Pro-E  
CP E SNT 50W 48V 1.1A**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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With your applications in industrial automation, you appreciate a power supply with high levels of stability yet wish to remain flexible at the same time.

Our new wall-mounted PRO-E power supply offers outstanding value for money and has been developed for universal usage. Thanks to the wide variety of models with output voltages of 5 V, 12 V, 24 V and 48 V as well as extensive international approvals, it is suitable for use in many applications. The power bandwidth ranges from 25 W up to 350 W. Individual adaptability makes PRO-E the right choice for your power supply

**General ordering data**

Type	CP E SNT 50W 48V 1.1A
Order No.	<a href="#">1202460000</a>
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4050118031539
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Width	100 mm	Width (inches)	3.937 inch
Height	35 mm	Height (inches)	1.378 inch
Depth	105 mm	Depth (inches)	4.134 inch
Net weight	340 g		

**Temperatures**

Storage temperature, max.	85 °C	Storage temperature, min.	-20 °C
Operating temperature		Ambient temperature	-20°C...70°C (>50°C derating, refer derated curve); 70% rated load @ 70°C
Storage temperature	-20 °C...85 °C		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Rated data UL**

Certificate No. (cURus)	E349964
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**Input**

AC current consumption	0.6 A @ 230 V AC / 1.2 A @ 120 V AC	AC input voltage range	85...264 V AC
Connection system	Screw connection	DC input voltage range	110...370 V DC
Frequency range AC	47...63 Hz	Input fuse (internal)	yes / max. 20A
Rated input voltage	100...240 V AC (wide-range input)	Recommended back-up fuse	2 A at 230 V AC, characteristic curve C

**output**

Mains failure bridge-over time	20 ms	Output current	1.1 A@48 V DC
Output power		Output voltage	± 10% nominal output voltage tolerance, adjustable with potentiometer
	50 W		
Overload protection	120~150% I <sub>konst.</sub> of max. output power, automatic restart	Parallel connection option	Recommended with diode module
Rated output voltage	48 V DC	Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Surge protection	55...62 V @ 48 V DC		

**General data**

AC failure bridging time @ I <sub>nom</sub>		Ambient temperature	-20°C...70°C (>50°C derating, refer derated curve); 70% rated load @ 70°C
	min. 20 ms		
Degree of efficiency		EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6 /-2, -3
	86 % @ 48 V DC	Max. perm. air humidity (operational)	5 %...95 % RH
Indication	Operation, green LED	Operating temperature	
Mounting position, installation notice	Panel mount, screw fix	Short-circuit protection	Yes
Protection degree	IP20		
Standards	EN 60950		

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**Data sheet**

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**Technical data**

**System data**

Output current 1.1 A@48 V DC

**EMC / shock / vibration**

Noise emission in accordance with EN55032 Class A

**Insulation coordination**

electrical isolation, input-earth	2 kV	electrical isolation, input-output	3 kV
electrical isolation, output-earth	0.5 kV		


**Electrical safety (applied standards)**

Safety extra-low voltage SELV according to EN 60950

**Connection data (input)**

Connection system Screw connection

**Approvals**

Institute (cURus)  Certificate No. (cURus)

E349964

**Classifications**

ETIM 5.0	EC002540	ETIM 6.0	EC002540
eClass 6.2	27-04-90-02	eClass 7.1	27-04-90-02
eClass 8.1	27-04-90-02	eClass 9.0	27-04-07-01
eClass 9.1	27-04-07-01		

**Approvals**

Approvals 

ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PA5200_160418_001.pdf</a>
Brochure/Catalogue	<a href="#">CAT 4.3 ELECTR 15/16 EN</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>

**Data sheet**

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**Drawings**

