Pro-E
CP E SNT 150W 48V 3.3A

Weidmüller Interface GmbH & Co. KG
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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 150W 48V 3.3A
Order No.	1165890000
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248956739
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	99 mm	Width (inches)	3.898 inch
Height	40 mm	Height (inches)	1.575 inch
Depth	205 mm	Depth (inches)	8.071 inch
Net weight	685 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

Rated data UL

Certificate No. (cURus)	E349964

Input

AC current consumption	2 A @ 230 V AC / 3.5 A @ 120 V AC	AC input voltage range	88...132 V AC / 176...264 V AC optional
Connection system	Screw connection	DC input voltage range	250...370 V DC
Frequency range AC	47...63 Hz	Input fuse (internal)	yes / max. 35A
Rated input voltage	100...240 V AC (wide-range input)	Recommended back-up fuse	4 A at 230 V AC, characteristic curve C

output

Mains failure bridge-over time	20 ms	Output current	3.3 A@48 V DC
Output power	150 W	Output voltage	± 10% nominal output voltage tolerance, adjustable with potentiometer
Overload protection	120~150% Ikonst. 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_{PP}
Surge protection	55...62 V @ 48 V DC		

General data

AC failure bridging time @ I_{nom}	min. 20 ms	Ambient temperature	-20°C...70°C (>50°C derating,refer derated curve); 70% rated load @ 70°C
Degree of efficiency	87 % @ 48 V DC	EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6 /-2, -3
Indication	Operation, green LED	Max. perm. air humidity (operational)	5 %...95 % RH
Mounting position, installation notice	Panel mount, screw fix	Operating temperature	
Protection degree	IP20	Short-circuit protection	Yes
Standards	EN 60950		

Creation date May 14, 2019 3:36:55 AM CEST

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System data

Output current	3.3 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 6.0	EC002540	eClass 6.2	35-04-90-90
eClass 7.1	35-04-90-90	eClass 8.1	35-04-90-90
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01

Approvals

Approvals	
ROHS	Conform

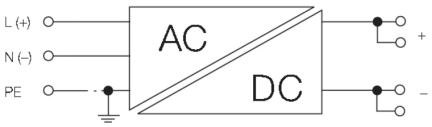
Downloads

Approval/Certificate/Document of Conformity	DE_PA5200_160418_001.pdf
Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

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Drawings



Bei DC-Anschluss auf Polarität achten