

## Pro-E CP E SNT 150W 24V 6.5A

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



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 24V 6.5A                      |
| Order No.  | <a href="#">1165880000</a>                  |
| Version    | Power supply, switch-mode power supply unit |
| GTIN (EAN) | 4032248956722                               |
| Qty.       | 1 Stück                                     |

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## Technische Daten

### 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 | 682 g  |                 |            |

### Temperatures

|                           |   |                           |                |
|---------------------------|---|---------------------------|----------------|
| Storage temperature, max. | 85 °C   | Storage temperature, min. | -20 °C         |
| 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                   | 6.5 A@24 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           | 24 V DC  | Residual ripple, breaking spikes | < 100 mV <sub>pp</sub>  |
| Surge protection               | 28...32 V @ 24 V DC                                      |                                  |   |

### General data

|   |                        |                                       |   |
|---|------------------------|---------------------------------------|---|
| AC failure bridging time @ I <sub>nom</sub> | min. 20 ms             | Ambient temperature                   | -20°C...70°C (>50°C derating, refer derated curve); 70% rated load @ 70°C |
| Degree of efficiency                        | 86 % @ 24 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 | Protection degree                     | IP20  |
| Short-circuit protection                    | Yes                    | Standards                             | EN 60950  |

Erstellungs-Datum 3 de Setembro de 2019 16:07:15 CEST

Katalogstand 30.08.2019 / Technische Änderungen vorbehalten

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## Technische Daten

### System data

Output current 6.5 A@24 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

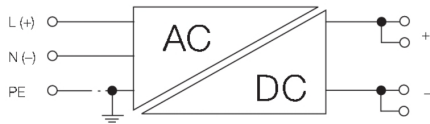
Approvals



ROHS Conform

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PA5200_160418_001.pdf</a> |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>             |
| Engineering Data                            | <a href="#">STEP</a>                     |

**Datenblatt****Pro-E  
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Bei DC-Anschluss auf Polarität achten