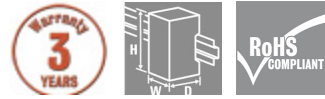


**ECOLINE**  
**CP SNT 70W 24V 3A**

**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 a compact metal housing for rail mounting in performance classes 70 to 1000 W. The ECOLINE power supplies can be universally deployed because of their wide input range from 85 V AC to 265 V AC. A floating relay contact in the output circuit indicates short-circuits and overloads.

**General ordering data**

Order No.	<a href="#">8708660000</a>
Type	CP SNT 70W 24V 3A
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248380824
Qty.	1 pc(s).

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

Length	110 mm	Width	55.5 mm
Height	125 mm	Depth	110 mm
Weight	0.55 kg	Net weight	503.7 g

**Temperatures**

Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)	Storage temperature	-20 °C...+85 °C
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**Input**

Conductor connection system	Screw connection	Connection range	AWG 26-12 / 0.13 to 4.0 mm <sup>2</sup>
Input current	2 A @ 100...240 V AC	Input frequency	50/ 60 Hz
Input fuse	Fusible link 2.5 A (T) / 250 V	Input fuse (internal)	Yes
Input voltage (voltage mode input)	85...264 V AC / 110...370 V DC	Recommended back-up fuse	3 - 5 A Char. C, circuit breaker
Surge protection	Varistor		

**output**

Conductor connection system	Screw connection	Connection range	AWG 26-12 / 0.13 to 4.0 mm <sup>2</sup>
Control at 10...100% load	<2%	Control at input voltage	0.5%
Mains failure bridge-over time	10 ms @ 115 V AC / 20 ms @ 230 V AC	Max. capacitance at output	40000 µF
Max. residual ripple	< 100 mV <sub>PP</sub> / bandwidth 20 MHz	Output current	3 A
Output power	72 W	Output voltage type	DC
Output voltage, max.	28 V	Output voltage, min.	24 V
Output voltage, note	(adjustable via potentiometer)	Overload protection	105 %..130 % I <sub>const</sub> of max. output load; automatic reset
Parallel connection option	Recommended with diode module	Status relay / CO contact	250 V AC (max. 30 V DC) / 1 A
Surge protection	29...34 V		

**General data**

Building Width	55.5 mm	Building height	125 mm
Degree of efficiency at max. load	80%	Depth	100 mm
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3	Installation advice	Clearance: above/below ≥ 3 cm
Low Voltage Directive	73/ 23/ EWG	Mounting position, installation notice	horizontally, on terminal rail TS 35
Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)	Power factor correction	No
Standards	DIN EN 60950 (SELV)	Status indication	Green LED
Weight	0.55 kg		

**Insulation coordination**

electrical isolation, input-earth	1.5 kV	electrical isolation, input-output	3 kV
electrical isolation, output-earth	0.5 kV		

**Data sheet...**

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**Technical data**

**Signalling**

Status indication Green LED

**Approvals**

Institute (GERMLLOYD)		Certificate No. (GERMLLOYD)	44943-07
Institute (cULus)		Certificate no. (cULus)	E258476VOL1SEC7
Institute (cURus)		Certificate No. (cURus)	E255651-A3-UL-1

**Classifications**

ETIM 2.0	EC001039	ETIM 3.0	EC001039
UNSPSC	30-21-18-01	eClass 4.1	27-24-04-10
eClass 5.1	27-04-90-02	eClass 6.0	27-04-90-04
eClass 7.0	27-04-90-04		

**Approvals**



**Downloads**

Declaration of Conformity	<a href="#">K283_06_09.pdf</a>
PDF	<a href="#">Warranty information</a>
<a href="#">3-D model</a>	

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**Drawings**

**Electric symbol**

