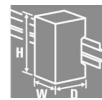


ECOLINE
CP SNT3 500W 24V 20A

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



Three-phase switched-mode power unit in compact metal housing for rail mounting,
Performance classes 250 to 1000 W. The ECOLINE power unit can be universally deployed because of its wide input range from 340 Vac to 575 Vac. A floating relay contact in the output circuit indicates short-circuits and overloads.

General ordering data

Type	CP SNT3 500W 24V 20A
Order No.	8708710000
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248380879
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	227.5 mm	Height	125 mm
Depth	110 mm	Weight	3 kg
Net weight	2,537 g		

Temperatures

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

Input current	1.7 A @ 400 V AC	Input frequency	47...63 Hz
Input fuse	External via 3 circuit- breakers up to 3...6 A, char. C	Input voltage (voltage mode input)	3x400 V AC / 400...500 V AC ±15 %
Surge protection	Varistor	Turn-on current limit	< 35 A (bei 25 °C)
Wire connection method	Screw connection		

output

Control at 10...100% load	<2%	Mains failure bridge-over time	> 10 ms @ 400 V AC
Max. residual ripple	< 100 mV _{PP} / bandwidth 20 MHz	Output current	20 A
Output power	480 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 _{const} 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	30...34 V	Wire connection method	Screw connection

General data

Building Width	227.5 mm	Building height	125 mm
Degree of efficiency at max. load	88%	Depth	110 mm
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3	Installation advice	Clearance: above/below ≥ 3 cm
Mounting position, installation notice	horizontally, on terminal rail TS 35	Operating temperature	-10 °C...+70 °C (Derating ab 55 °C)
Short-circuit protection	Yes	Standards	DIN EN 60950 (SELV)
Status indication	Green LED	Weight	3 kg

Insulation coordination

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

Signalling

Status indication	Green LED
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Technical data**Approvals**

Institute (GERMLLOYD)



Certificate No. (GERMLLOYD)

44943-07

Institute (cULus)



Certificate no. (cULus)

E258476

Institute (cURus)



Certificate No. (cURus)

E255651

Classifications

ETIM 3.0	EC001039	UNSPSC	30-21-18-01
eClass 5.1	27-04-90-02	eClass 6.2	27-04-90-04
eClass 7.1	27-04-90-04		

Product information

Descriptive text ordering data	The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.
Descriptive text technical data	For redundancy operation or to maintain the alert function, only operate with the diode module.

Approvals

Approvals



ROHS

Conform

Downloads

Declaration of Conformity	K472_01_12.pdf
PDF	Warranty information
3-D model	

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Drawings

Electric symbol

