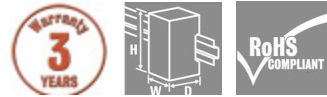


ECOLINE CP SNT3 120W 24V 5A

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



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 120W 24V 5A
Order No.	8862730000
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	403224858739 1
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Width	90 mm	Height	125 mm
Depth	110 mm	Weight	1.5 kg
Net weight	945 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	0.8 A @ 400 V AC	Input frequency	47...63 Hz
Input fuse	External via 3 circuit-breakers up to 6...16 A, char. C	Input voltage (voltage mode input)	3x400 V AC / 400...500 V AC ±15 %
Surge protection	Varistor	Turn-on current limit	< 30 A (bei 25 °C)
Wire connection method	Screw connection		

output

Control at 10...100% load	<2%	Mains failure bridge-over time	> 20 ms @ 400 V AC
Max. residual ripple	< 100 mV _{pp} / bandwidth 20 MHz	Output current	5 A
Output power	120 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	29...34 V	Wire connection method	Screw connection
rated output voltage	24 V DC ± 1 %		

General data

Building Width	90 mm	Building height	125 mm
Degree of efficiency at max. load	85% @ 400 V AC	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	1.5 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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Datenblatt

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Technische Daten

Approvals

Institute (UL)		Certificate No. (UL)	E252191
Institute (cURus)		Certificate No. (cURus)	E255651

Rated data UL

Certificate No. (UL)	E252191
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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
	3D Modell

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Zeichnungen

Electric symbol

