

Compact Power
CP NT3 1000W 24V 40A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The CP NT3 power packs are available in six variants for power classes from 250 to 1000 W.

The $\pm 5\%$ tapping on the primary side results in three possible rated voltages: 380 V, 400 V and 415 V.

The CP NT3 units are protected against overloads and short-circuits by an integral thermostatic switch.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2017-08-30
Type	CP NT3 1000W 24V 40A
Order No.	8628680000
Version	Power supply, unregulated, 24 V
GTIN (EAN)	4032248288304
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	122 mm	Width (inches)	4.803 inch
Height	275 mm	Height (inches)	10.827 inch
Depth	280 mm	Depth (inches)	11.024 inch
Net weight	17,841 g		

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-20 °C
Operating temperature	-20 °C...60 °C	Storage temperature	-20 °C...80 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Clamping range, input	2.5 mm ²	Clamping range, input, max.	2.5 mm ²
Clamping range, input, min.	0.5 mm ²	Connection range	2 x 0.5... 6.0 mm ²
Connection system	Screw connection	Ext. Back-up fuse	3 x 3.15 A time-lag
Input current	1.8 A	Input frequency	50/ 60 Hz
Input fuse	3 x primary thermostatic switch	Input voltage (voltage mode input)	3 x 400 V ±5 %
No-load input current	0.14 A	Wire connection method	Screw connection

output

Clamping range, output	10 mm ²	Clamping range, output, max.	10 mm ²
Clamping range, output, min.	0.5 mm ²	Connection range	2 x 0.5... 6.0 mm ²
Fuse	External 40 / 42 A slo-blo	Max. residual ripple	< 2 %
Output current at 40 °C	42 A	Output current at 60 °C	40 A
Output power	1,000 W	Output voltage	24 V
Output voltage	SELV	Output voltage type	DC
Protective circuit, load side	Varistor	Wire connection method	Screw connection

General data

Building Width	122 mm	Building height	275 mm
Degree of efficiency at max. load	77%	Depth	280 mm
EMC standards	EN 61000-6 /-2, -3	Fan signal	Open collector <30 V/ <5 mA during interference
Installation advice	Direct mounting	Low Voltage Directive	73/ 23/ EWG
Mounting position, installation notice	Arbitrary	Operating temperature	-20 °C...60 °C
Power loss	280 W	Protection degree	IP20
Short-circuit protection	Yes	Standards	DIN EN 60950, DIN EN 61558-2-4, -6, 72/23/ EWG
Status indication	Green LED		

Insulation coordination

Insulation class	B	Insulation strength	4 kV
Protection degree	I	Touch-safe protection	acc. to BGV A3

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Technical data

Connection data (input)

Connection system	Screw connection
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Signalling

Status indication	Green LED
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Classifications

ETIM 3.0	EC001039	ETIM 4.0	EC002541
ETIM 5.0	EC002541	ETIM 6.0	EC002540
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
eClass 8.1	27-04-90-04	eClass 9.0	27-04-07-01
eClass 9.1	27-04-07-01		

Product information

Descriptive text technical data	Condensation not allowed
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Approvals

Approvals



ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD

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Drawings

Electric symbol

