

Compact Power
CP NT 144W 24V 6A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com



The CP NT power packs are available in six variants for power classes from 36 to 432 W.

The ± 5 tapping on the primary side results in six possible rated voltages: 215 V, 230 V, 245 V, 385 V, 400 V and 415 V. An integral fuse on the secondary side (up to size CP NT192W) protects against overloads and short-circuits.

The CP NT 264 W / 432 W is protected via an integrated thermostatic switch.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2017-12-31
Type	CP NT 144W 24V 6A
Order No.	8575280000
Version	Power supply, unregulated, 24 V
GTIN (EAN)	4032248225392
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	96 mm	Width (inches)	3.78 inch
Height	135 mm	Height (inches)	5.315 inch
Depth	92 mm	Depth (inches)	3.622 inch
Net weight	3,021.6 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-20 °C
Operating temperature	-20 °C...55 °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.	0.13 mm ²	Connection range	2.5 mm ²
Connection system	Screw connection	Ext. Back-up fuse	1.6 A / 1.0 A time-lag
Input current	0.95 A / 0.55 A	Input frequency	50/ 60 Hz
Input voltage (voltage mode input)	230 V / 400 V ±15 V	No-load input current	0.33 A / 0.19 A
Wire connection method	Screw connection		

output

Clamping range, output	2.5 mm ²	Clamping range, output, max.	4 mm ²
Clamping range, output, min.	0.5 mm ²	Connection range	2.5 mm ²
Fuse	10 A time-lag flat cable-lug fuse	Max. residual ripple	< 5 %
Output current at 40 °C	6 A	Output current at 55 °C	5 A
Output power	144 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	96 mm	Building height	135 mm
Degree of efficiency at max. load	88%	Depth	92 mm
EMC standards	EN 61000-6 /-2, -3	Installation advice	Direct mounting, TS 35 with clip-on plate
Low Voltage Directive	72/ 23/ EWG	Mounting position, installation notice	Arbitrary, horizontally, on terminal rail TS 35
Operating temperature	-20 °C...55 °C	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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Electrical safety (applied standards)

Safety extra-low voltage	SELV in accordance with EN60950	Safety transformers for switch-mode power supplies	in accordance with EN 61558-2-4
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Connection data (input)

Connection system	Screw connection
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Signalling

Status indication	Green LED
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Approvals

Institute (cULus)



Certificate no. (cULus)

E197061

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

Instructions for accessories	Clip-in plate for TS 35: 8588920000
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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

