

**CP NT 432W 24V 18A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

The  $\pm 5$  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**

Version	Power supply, unregulated, 24 V
Order No.	<a href="#">8575320000</a>
Type	CP NT 432W 24V 18A
GTIN (EAN)	4032248226429
Qty.	1 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2022-03-30

Creation date December 4, 2023 1:33:41 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	135 mm	Depth (inches)	5.315 inch
Height	185 mm	Height (inches)	7.283 inch
Width	135 mm	Width (inches)	5.315 inch
Net weight	8,780 g		

### Temperatures

Storage temperature	-20 °C...80 °C	Operating temperature	-20 °C...55 °C
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### Input

Clamping range, input	2.5 mm <sup>2</sup>	Clamping range, input, max.	2.5 mm <sup>2</sup>
Clamping range, input, min.	0.13 mm <sup>2</sup>	Connection range	2.5 mm <sup>2</sup>
Connection system	Screw connection	Ext. Back-up fuse	4.0 A / 2.0 A time-lag
Input current	2.5 A/ 1.3 A	Input frequency	50/ 60 Hz
Input voltage (voltage mode input)	230 V/ 400 V ±15 V	No-load input current	0.54 A / 0.31 A
Wire connection method	Screw connection		

### Output

Clamping range, output	2.5 mm <sup>2</sup>	Clamping range, output, max.	4 mm <sup>2</sup>
Clamping range, output, min.	0.5 mm <sup>2</sup>	Connection range	2.5 mm <sup>2</sup>
Fuse	Thermostatic switch	Max. residual ripple	< 5 %
Output current at 40 °C	18 A	Output current at 55 °C	15 A
Output power	432 W	Output voltage type	DC
Output voltage, note	SELV	Protective circuit, load side	Varistor
Wire connection method	Screw connection		

### General data

Building Width	135 mm	Building height	185 mm
Degree of efficiency at max. load	95%	Depth	135 mm
EMC standards	EN 61000-6 /-2, -3	Installation advice	Direct mounting
Low Voltage Directive	72/ 23/ EWG	Mounting position, installation notice	Arbitrary
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 class	I	Touch-safe protection	acc. to BGV A3

### Connection data (input)

Connection system	Screw connection
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### Signalling

Status indication	Green LED
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### Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	EC002540
ECLASS 9.0	27-04-07-01	ECLASS 9.1	27-04-07-01
ECLASS 10.0	27-04-07-01	ECLASS 11.0	27-04-07-01
ECLASS 12.0	27-04-07-01	ECLASS 13.0	27049002

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Approvals

Approvals



ROHS Conform

### Downloads

Catalogues [Catalogues in PDF-format](#)

Brochures

**Data sheet**

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**Drawings**

**Electric symbol**

