

## CP NT 144W 24V 6A

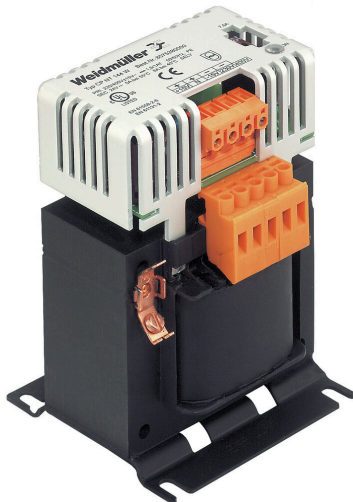
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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="#">8575280000</a>
Type	CP NT 144W 24V 6A
GTIN (EAN)	4032248225392
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2022-03-30T00:00:00+02:00

## CP NT 144W 24V 6A

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	92 mm	Depth (inches)	3.622 inch
Height	135 mm	Height (inches)	5.3149 inch
Width	96 mm	Width (inches)	3.7795 inch
Net weight	3021.6 g		

### Temperatures

Storage temperature	-20 °C...80 °C	Operating temperature	-20 °C...55
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### Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

### Input

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

### Output

Output power	144 W	Max. residual ripple	< 5 %
Protective circuit, load side	Varistor	Fuse protection	10 A time-lag flat cable-lug fuse
Connection range	2.5 mm <sup>2</sup>	Wire connection method	Screw connection
Output voltage type	DC	Output voltage, note	SELV
Clamping range, output, max.	4 mm <sup>2</sup>	Clamping range, output, min.	0.5 mm <sup>2</sup>
Clamping range, output	2.5 mm <sup>2</sup>	Output current at 40 °C	6 A
Output current at 55 °C	5 A		

### General data

Low Voltage Directive	72/ 23/ EWG	Degree of efficiency at max. load	88%
Installation advice	Direct mounting, TS 35 with clip-on plate	Standards	DIN EN 60950, DIN EN 61558-2-4, -6, 72/23/ EWG
Protection degree	IP20	Building Width	96 mm
Building height	135 mm	Depth of construction	92 mm
Status indication	Green LED	Mounting position, installation notice	Arbitrary, horizontally, on terminal rail TS 35
Short-circuit protection	Yes		

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### Insulation coordination

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

### Electrical safety (applied standards)

Safety transformers for switch-mode power supplies	According to EN 61558-2-4
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### Connection data (input)

Connection system	Screw connection
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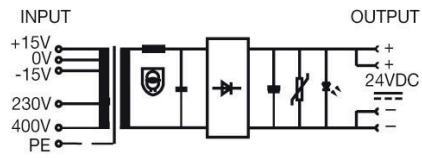
### Signalling

Status indication	Green LED
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### Classifications

ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	EC002540	ECLASS 14.0	27-04-07-01
ECLASS 15.0	27-04-07-01		

**Electric symbol**



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## Accessories

### Clip-on plates

The clip-on plates are accessories for the unregulated power supply units. They enable installation on TS35 DIN mounting rails.

### General ordering data

Type	CP RP 144 W	Version	
Order No.	<a href="#">8588920000</a>	Electronics, Clip-on plate	
GTIN (EAN)	4032248246236		
Qty.	1 ST		