

CP NT3 600W 24V 25A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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

Version	Power supply, unregulated, 24 V
Order No.	8628660000
Type	CP NT3 600W 24V 25A
GTIN (EAN)	403224828828 1
Qty.	1 items
Delivery status	Discontinued
Available until	2017-05-31T00:00:00+02:00

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	230 mm	Depth (inches)	9.0551 inch
Height	212 mm	Height (inches)	8.3464 inch
Width	108 mm	Width (inches)	4.252 inch
Net weight	11480 g		

Temperatures

Storage temperature	-20 °C...80 °C	Operating temperature	-20 °C...60
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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 x 0.5... 6.0 mm ²
Input frequency	50/ 60 Hz	Input fuse	3 x primary thermostatic switch
Wire connection method	Screw connection	Input voltage (voltage mode input)	3 x 400 V ±5 %
Input current	1.2 A	Clamping range, input, max.	2.5 mm ²
Clamping range, input, min.	0.5 mm ²	Clamping range, input	2.5 mm ²
No-load input current	0.15 A	Ext. Back-up fuse	3 x 2 A time-lag

Output

Output power	600 W	Max. residual ripple	< 2 %
Protective circuit, load side	Varistor	Fuse protection	External 25 / 26 A slo-blo
Connection range	2 x 0.5... 6.0 mm ²	Wire connection method	Screw connection
Output voltage type	DC	Output voltage, note	SELV
Clamping range, output, max.	6 mm ²	Clamping range, output, min.	0.5 mm ²
Clamping range, output	6 mm ²	Output current at 40 °C	26 A
Output current at 60 °C	25 A		

General data

Low Voltage Directive	73/ 23/ EWG	Degree of efficiency at max. load	78%
Installation advice	Direct mounting	Standards	DIN EN 60950, DIN EN 61558-2-4, -6, 72/23/ EWG
Protection degree	IP20	Building Width	108 mm
Building height	212 mm	Depth of construction	230 mm
Status indication	Green LED	Mounting position, installation notice	Arbitrary
Fan signal	Open collector <30 V/ <5 mA during interference	Power loss	180 W
Short-circuit protection	Yes		

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Technical data**Insulation coordination**

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

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		

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Drawings

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Electric symbol

