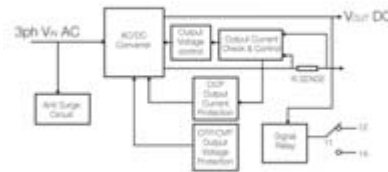


CP SNT3 500W 24V 20A**General ordering data**

Order No.	8708710000
Part designation	CP SNT3 500W 24V 20A
Version	Switched-mode power supplies, 3x400 V AC / 340...575 V AC , 3-phasig, 24...28 V DC (adjustable with potentiometer)
EAN	4032248380879
Qty.	1 pc(s).

Input

Input current	1.7 A @ 400 V AC
Input frequency	47...63 Hz
Input fuse	External via 3 circuit-breakers up to 3...6 A, char. C
Input voltage	3x400 V AC / 340...575 V AC
Surge protection	Varistor
Turn-on current limit	< 35 A (at 25 °C)

output

Connection system	Screw connection
Control at 10...100% load	< 2 %
Max. output power	480 V
Max. residual ripple	< 100 mV _{SS} / bandwidth 20 MHz
Output current	20 A
Output voltage	24...28 V DC (adjustable with potentiometer)

Overload protection	105 %..130 % I_{konst} of max. output load; automatic reset
Parallel connection option	Recommended with diode module
Status relay / CO contact	250 V AC (max. 30 V DC) / 1 A

General data

Degree of efficiency at max. load	88 %
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Installation advice	Clearance: above/below ≥ 3 cm
Mounting position horizontal	on terminal rail TS 35
Standards	EN 60950 (SELV)
Status indication	Green LED
Weight	3 kg
Ambient temperature (operational)	-10 °C...+70 °C (derating from 55 °C)
Storage temperature	-20 °C...+85 °C

Insulation coordination

Galvanic isolation, input-earth	1.5 kV
Galvanic isolation, input-output	3 kV
Galvanic isolation, output-earth	0.5 kV

Dimensions

Clamping range, max.	6 mm ²
Clamping range, min.	0.13
Clamping range, nom.	4 mm ²
Length	110 mm
Height	125 mm
Width	227.5 mm

Approvals





Approvals institutes



Classifications

ETIM 2.0	EC001039
ETIM 3.0	EC001039
eClass 4.1	27-24-04-10
eClass 5.0	27-24-22-13
eClass 5.1	27-24-22-13

Similar products

Order No.	Part designation	Version	Qty.
▶ 8708700000	CP SNT3 250W 24V 10A	Switched-mode power supplies, 3x400 V AC / 340...575 V AC , 3-phasig, 24...28 V DC (adjustable with potentiometer)	1 pc (s) ▶ 
▶ 8708710000	CP SNT3 500W 24V 20A	Switched-mode power supplies, 3x400 V AC / 340...575 V AC , 3-phasig, 24...28 V DC (adjustable with potentiometer)	1 pc (s) ▶ 
▶ 8708730000	CP SNT3 1000W 24V 40A	Switched-mode power supplies, 3x400 V AC / 340...575 V AC (450...800 V DC) , 3-phasig, 24...28 V DC (adjustable with potentiometer)	1 pc (s) ▶ 
▶ 8862730000	CP SNT3 120W 24V 5A	Switched-mode power supplies, 3x400 V AC / 340...575 V AC , 3-phasig, 24...28 V DC (adjustable with potentiometer)	1 pc (s) ▶ 

Copyright Weidmüller Interface GmbH & Co. KG | Klingenbergstraße 16 | D-32758 Detmold
Copyright | AGB | Datenschutz | Nutzungsbedingungen