



General ordering data

Order No.	8708710000
Short text for material	CP SNT3 500W 24V 20A
EAN	4032248380879
Qty	1

Input

Input voltage	3x400 V AC / 340...575 V AC
Input current	1.7 A @ 400 V AC
Making current limit	< 35 A (bei 25 °C)
Input frequency	47...63 Hz
Oversvoltage protection	Varistor
Input fuse	External via 3 circuit-breakers up to 6...16 A, char. C

Output

Connection system	Screw connection
Output voltage	24...28 V DC (adjustable via potentiometer)
Output current	20 A
Control at 10...100% load	< 2 %
max. residual ripple	< 100 mVss / bandwidth 20 MHz
Overload protection	105%...130% Ikonst of max. output power, automatic restart
Status relay / Change-over contact	250 V AC (max. 30 V DC) / 1 A
max. output power	480 W
Parallel connection option	recommended with diode module

General data

Degree of efficiency at max. load	88 %
Mounting position horizontal	on mounting rail TS 35
Status indication	green LED
Installation advice	Clearance: above/below ≥ 3 cm
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Weight	3 kg
Standards	EN 60204 (PELV)
Operating temperature	-10 °C...+55 °C
Storage temperature	-20 °C...+85 °C

Insulation coordination

Electrical isolation, output-earth	0.5 kV AC
Electrical isolation, input-earth	1.5 kV AC
Electrical isolation, input-output	3 kV AC

Dimensions

Clamping range, min.	0,13
Clamping range, max.	6 mm ²
Clamping range, nom.	4 mm ²
Length	110 mm
Height	125 mm
Width	227,5 mm

Approvals

Approvals	CE / cULus 508 / cULus 60950
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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

Related products

Order No.	Short text for material
8708730000	CP SNT3 1000W 24V 40A
8708700000	CP SNT3 250W 24V 10A