



General ordering data

Order No.	9927480024
Short text for material	CP SNT 55W 24-28V 2.3A
EAN	4032248217595
Qty	1

Input

Connection system	Screw connection
Input voltage	85...265 V AC, 120...300 V DC
Input current	1.1 A @ 115 V AC; 0.55 A @ 230 V AC
Making current limit	Thermistor
Input frequency	50/ 60 Hz
Overvoltage protection	Varistor
max. connection range	AWG26-12 (0.1-4.0 mm ²)
Input current at 230 Vac	0.55 A RMS +/- 20%
Input current at 125 Vdc	590 mA +/- 20%
Input current at 250 Vdc	315 mA +/- 20%
Input fuse	2 A slow-blow fuse (internal)
Input current at 115 Vac	1.10 A RMS +/- 20%

Output

Connection system	Screw connection
Output voltage	24...28 V DC
Output current	2.3 A
max. connection range	AWG26-12 (0.1-4.0 mm ²)
max. capacitance at output	10000 µF
Control at 10...100% load	1%
Control at input voltage	0.8 %
max. residual ripple	< 50 mV RMS
Overload protection	Overvoltage / thermal cut-out
Mains failure bridge-over time for 230 V AC	180 ms
max. output power	55 W
Parallel connection option	no
Mains failure bridge-over time for 115 V AC	30 ms

General data

Power factor correction	no
Status indication	green LED
EMC standards	IEC 61000-6 /-2, -3
Enclosure	Metal
Weight	478 g
Standards	EN 50178, EN 60950, IEC950
Switching frequency	100 kHz
Degree of efficiency at max. load	78 %
Low Voltage Directive	73/ 23/ EWG
DIN Rail compatibility	TS 35
Operating temperature	-20 °C...+40 °C
Storage temperature	-40 °C...+85 °C

Insulation coordination

Electrical isolation, output-earth	500 V RMS
Electrical isolation, input-earth	1.5 kV RMS
Electrical isolation, input-output	3 kV RMS
Humidity at storage temperature	20 to 90% RH
Humidity at operating temperature	20 - 85% RH without condensation
Electrical isolation, I/O rail	3 kV RMS
Ingress protection class	IP 20

Dimensions

Clamping range, min.	0,1 mm ²
Clamping range, max.	4 mm ²
Clamping range, nom.	4 mm ²
Length	131 mm
Height	98 mm
Width	57 mm

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
9927480048	CP SNT 55W 48V 1.04A
9927480012	CP SNT 55W 12-15V 3A
9927480005	CP SNT 55W 5V 3A
9925340048	CP SNT 160W 48V 3.5A
9925340024	CP SNT 160W 24-28V 6.5A
9925340012	CP SNT 160W 12-15V 8A
9925340005	CP SNT 160W 5V 8A
9916250024	CP SNT 300W 24V 12.5A