

**CP SNT 250W 24V 10A****General ordering data**

<b>Order No.</b>	8708680000
<b>Part designation</b>	CP SNT 250W 24V 10A
<b>Version</b>	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)
<b>EAN</b>	4032248380848
<b>Qty.</b>	1 pc(s).

**Input**

<b>Connection system</b>	Screw connection
<b>Input current</b>	3.6 A @ 115 V AC / 2 A @ 230 V AC
<b>Input frequency</b>	50/ 60 Hz
<b>Input fuse</b>	Fusible link 5 A (T) / 250 V
<b>Input voltage</b>	88...132 V AC/176...264 V AC selectable; 250...370 V DC
<b>Max. connection range</b>	AWG26-12 (0.1-4.0 mm <sup>2</sup> )
<b>Surge protection</b>	Varistor

**output**

<b>Connection system</b>	Screw connection
<b>Control at 10...100% load</b>	< 2 %
<b>Control at input voltage</b>	0.5 %
<b>Mains failure bridge-over time for 115 V AC</b>	10 ms
<b>Mains failure bridge-over time for 230 V AC</b>	15 ms

<b>Max. capacitance at output</b>	40000 $\mu$ F
<b>Max. connection range</b>	AWG26-12 (0.1-4.0 mm <sup>2</sup> )
<b>Max. output power</b>	240 W
<b>Max. residual ripple</b>	< 100 mV <sub>SS</sub> / bandwidth 20 MHz
<b>Output current</b>	0.1...10 A
<b>Output voltage</b>	24...28 V DC (adjustable with potentiometer)
<b>Overload protection</b>	105 %..130 % I <sub>konst</sub> of max. output load; automatic reset
<b>Parallel connection option</b>	Recommended with diode module
<b>Status relay / CO contact</b>	250 V AC (max. 30 V DC) / 1 A

**General data**

<b>DIN Rail compatibility</b>	TS 35
<b>Degree of efficiency at max. load</b>	84 % @ 230 V AC
<b>EMC standards</b>	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
<b>Housings</b>	metal
<b>Installation advice</b>	Clearance: above/below $\geq$ 3 cm
<b>Low Voltage Directive</b>	73/ 23/ EWG
<b>Mounting position horizontal</b>	on terminal rail TS 35
<b>Standards</b>	EN 60950 (SELV)
<b>Status indication</b>	Green LED
<b>Weight</b>	1.6 kg
<b>Ambient temperature (operational)</b>	-10 °C...+70 °C (derating from 55 °C)
<b>Storage temperature</b>	-20 °C...+85 °C

**Insulation coordination**

<b>Galvanic isolation, input-earth</b>	1.5 kV
<b>Galvanic isolation, input-output</b>	3 kV
<b>Galvanic isolation, output-earth</b>	0.5 kV
<b>Protection class</b>	IP 20

**Dimensions**

<b>Clamping range, max.</b>	6 mm <sup>2</sup>
<b>Clamping range, min.</b>	0.13

<b>Clamping range, nom.</b>	4 mm <sup>2</sup>
<b>Length</b>	110 mm
<b>Height</b>	125 mm
<b>Width</b>	125.5 mm

**Approvals****Approvals institutes****Classifications**

<b>ETIM 2.0</b>	EC001039
<b>ETIM 3.0</b>	EC001039
<b>eClass 4.1</b>	27-24-04-10
<b>eClass 5.0</b>	27-24-22-13
<b>eClass 5.1</b>	27-24-22-13

**Similar products**

Order No.	Part designation	Version	Qty.
▶ 8862780000	CP SNT 1000W 24V 40A	Switched-mode power supplies, 85...264 V AC , single-phase, 24...28 V DC (adjustable with potentiometer)	1 pc (s). ▶
▶ 8708660000	CP SNT 70W 24V 3A	Switched-mode power supplies, 85...264 V AC / 110...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)	1 pc (s). ▶
▶ 8708670000	CP SNT 120W 24V 5A	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)	1 pc (s). ▶
▶ 8708680000	CP SNT 250W 24V 10A	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)	1 pc (s). ▶
▶ 8778870000	CP SNT 500W 24V 20A	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)	1 pc (s). ▶