Switch-mode power supplies

Connect power 1-phase INSTA	CP SNT 24W 12V 1.5A	CP SNT 24W 5V 2A

Technical data
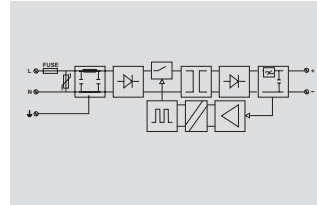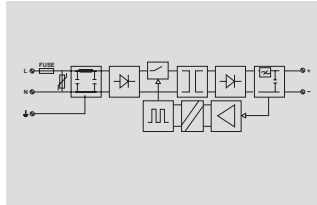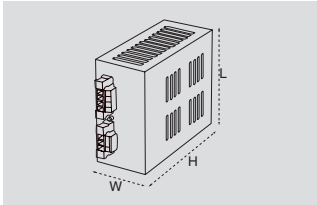
	CP SNT 24W 12V 1.5A	CP SNT 24W 5V 2A
Input		
Input voltage	85…265 Vac, 120…300 Vdc	85…265 Vac, 120…300 Vdc
Input current	460 mA @ 115 Vac; 250 mA @ 230 Vac	460 mA @ 115 Vac; 250 mA @ 230 Vac
Frequency	50/ 60 Hz	50/ 60 Hz
Making current limit	Thermistor	Thermistor
Input fuse	2A slow fuse (internal)	2A slow fuse (internal)
Overvoltage protection	Varistor	Varistor
Output		
Output voltage	12 Vdc	5 Vdc
Output current	1.5 A	2 A
Max. output power	18W	10W
Residual ripple	< 0.2 %	< 0.2 %
Overload protection	Overvoltage / -thermal switch-off	Overvoltage / -thermal switch-off
Overvoltage protection	Varistor	Varistor
Mains failure bridge-over time at 115 Vac	35ms	35ms
Mains failure bridge-over time at 230 Vac	160ms	160ms
Control at 10…100% load	0.5 %	0.5 %
Max. capacitance at output	8000 µF	8000 µF
Insulation coordination		
Galvanic isolation output-earth	500 V RMS	500 V RMS
Galvanic isolation input-earth	1.5 kV RMS	1.5 kV RMS
Galvanic isolation input-output	3 kV RMS	3 kV RMS
Galvanic isolation input/output-rail	4 kV RMS	4 kV RMS
General data		
Operation temperature	-20 °C…+50 °C	-20 °C…+50 °C
Storage temperature	-40 °C…+85 °C	-40 °C…+85 °C
Degree of efficiency	78%	78%
Standards	EN 50178, EN 60950, IEC950	EN 50178, EN 60950, IEC950
Approvals	CSA / UL/UR / CE	CSA / UL/UR / CE
EMC standards	EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1	EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1
	Screw connection	**Screw connection**
Clamping range (rating- / min. / max.) mm²	4 / 0.10 / 4	4 / 0.10 / 4
Length x width x height mm	90.5 x 52.0 x 62.5	90.5 x 52.0 x 62.5
Information	Derating: 33% @ 60 °C	Derating: 33% @ 60 °C

Ordering data

Type	(Qty.=1)	Order No.	Type	(Qty.=1)	Order No.
CP SNT 24W 12V 1.5A		9928890012	CP SNT 24W 5V 2A		9928890005

Information

Accessories

Information

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2