

TECHNICAL DATA

SWITCHING POWER SUPPLY UNITS AND WIDE-RANGE SWITCHING POWER SUPPLY UNITS

Type	SNT61-230V/ 12V DC-0,5A	SNT61-230V/ 24V DC-0,25A	WNT12-12V DC- 12W/1A SNT12-230V/ 12V DC-1A	SNT14- 24V/12W WNT12-24V DC-12W/0,5A SNT12-230V/ 24V DC-0,5A	WNT12-12V DC- 24W/2A SNT12-230V/ 12V DC-2A	SNT14- 24V/24W WNT12-24V DC-24W/1A SNT12-230V/ 24V DC-1A	WNT12-24V DC-48W/2A SNT14- 24V/48W
Output wattage	6 W ¹⁾	6 W ¹⁾	12 W ²⁾	12 W ²⁾	24 W ²⁾	24 W ²⁾	48 W ²⁾
Output voltage, tolerance \pm	12 V DC, $\pm 1\%$	24 V DC, $\pm 1\%$	12 V DC, $\pm 1\%$	24 V DC, $\pm 1\%$	12 V DC, $\pm 1\%$	24 V DC, $\pm 1\%$	24 V DC, $\pm 1\%$
Output current	0.5 A	0.25 A	1 A	0.5 A	2 A	1 A	2 A
Standby loss	0.1W	0.1W	0.2 W	0.2 W	0.2 W	0.2 W	0.4 W
Residual ripple	100 mV	100 mV	100 mV	100 mV	100 mV	100 mV	100 mV
Class of protection	II	II	II	II	II	II	II
Protection degree	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Starting current ³⁾	18 A/230 V	18 A/230 V	18 A/230 V	18 A/230 V	18 A/230 V	18 A/230 V	18 A/230 V
Efficiency	81%	82%	83%	86%	83%	87%	87%
Overload protection short-term	160-200%	160-200%	160-200%	160-200%	160-200%	160-200%	160-200%
Overvoltage protection	140-170%	140-170%	140-170%	140-170%	140-170%	140-170%	140-170%
Short-circuit proof ⁴⁾	yes	yes	yes	yes	yes	yes	yes
Over-temperature protection ⁴⁾	yes	yes	yes	yes	yes	yes	yes
Switchable in parallel, number	-	-	2	2	2	2	-
Size	45 x 45 x 33 mm	45 x 45 x 33 mm	1 module, 18 mm	1 module, 18 mm	2 modules, 36 mm	2 modules, 36 mm	4 modules, 72 mm
Operating temperature °C	-10/+50	-10/+50	-10/+50	-10/+50	-10/+50	-10/+50	-10/+50

¹⁾ Even at full load a ventilation clearance is not necessary.

²⁾ At a load of more than 50% of the rated capacity and always if there are adjacent switching power supply units from 12 W rated capacity and if there are dimmers a ventilation clearance of 1/2 module must be maintained with the spacers DST2 on both sides.

³⁾ If connected on the primary side, 2 ms.

⁴⁾ With autorecovery function after fault clearance.

To comply with DIN VDE 0100-443 and DIN VDE 0100-534, a Type 2 or Type 3 surge protection device (SPD) must be installed.