

TECHNICAL DATA

SWITCHING POWER SUPPLY UNITS AND WIDE RANGE SWITCHING POWER SUPPLY UNITS

Type	WNT61-12VDC/10W	WNT61-24VDC/10W	WNT15U	WNT15-12V DC-24W	SNT14-24V/24W WNT15-24V DC-24W	WNT15-24V DC-48W SNT14-24V/48W
Output wattage	10 W ¹⁾	10 W ¹⁾	12 W ²⁾⁵⁾	24 W ²⁾	24 W ²⁾	48 W ²⁾
Output voltage, tolerance ±	12 V DC, ±1%	24 V DC, ±1%	3.3-12 V DC, ±1%	12 V DC, ±1%	24 V DC, ±1%	24 V DC, ±1%
Output current	0.83 A	0.42 A	1 A	2 A	1 A	2 A
Standby loss	0.1W	0.1W	0.1W	0.1W	0.1W	0.2 W
Residual ripple	< 100mV	< 100mV	< 100mV	< 100mV	< 100mV	< 100mV
Class of protection	II	II	II	II	II	II
Protection degree	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
Efficiency	86%	86%	86%	91%	91%	92%
Overload protection short-term	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%
Short-circuit proof ⁴⁾	yes	yes	yes	yes	yes	yes
Over-temperature protection ⁴⁾	yes	yes	yes	yes	yes	yes
Switchable in parallel, number	-	-	-	2	2	-
Size	45 x 45 x 33 mm	45 x 45 x 33 mm	1 PU, 18 mm	1 PU, 18 mm	1 PU, 18 mm	2 PU, 36 mm
Operating temperature °C	-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 DS12 on both sides.

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

⁴⁾ With autorecovery function after fault clearance.

⁵⁾ WNT15U/3,3-12V DC only at 12 V DC.

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.