

Technical Data Switching Power Supply Units and Wide-range Switching Power Supply Units

Type	WNT12-12V DC-6W/0,5A SNT12-230V/12V DC-0,5A SNT61-230V/12V DC-0,5A	WNT12-24V DC-6W/0,25A SNT12-230V/24V DC-0,25A SNT61-230V/24V DC-0,25A	WNT12-12V DC-12W/1A SNT12-230V/12V DC-1A	WNT12-24V DC-12W/0,5A SNT12-230V/24V DC-0,5A	WNT12-12V DC-24W/2A SNT12-230V/12V DC-2A	WNT12-24V DC-24W/1A SNT12-230V/24V DC-1A	WNT12-24V DC-48W/2A
Output wattage	6W ¹⁾	6W ¹⁾	12W ²⁾	12W ²⁾	24W ²⁾	24W ²⁾	48W ²⁾
Output voltage, tolerance ±	12V DC, ±1%	24V DC, ±1%	12V DC, ±1%	24V DC, ±1%	12V DC, ±1%	24V DC, ±1%	24V DC, ±1%
Output current	0.5A	0.25A	1A	0.5A	2A	1A	2A
Standby loss	0.1W	0.1W	0.2W	0.2W	0.2W	0.2W	0.4W
Residual ripple	100mV	100mV	100mV	100mV	100mV	100mV	100mV
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⁾	18A/230V	18A/230V	18A/230V	18A/230V	18A/230V	18A/230V	18A/230V
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 SNT61: —	2 SNT61: —	2	2	2	2	—
Size	1 module, 18mm SNT61: 45x55x33mm	1 module, 18mm SNT61: 45x55x33mm	1 module, 18mm	1 module, 18mm	2 modules, 36mm	2 modules, 36mm	4 modules, 72mm
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 DS12 on both sides.

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

⁴⁾ With autorecovery function after fault clearance.