

Technical data for wide-range switching power supply units

Type	WNT12- 12V DC- 6W/0,5A	WNT12- 24V DC- 6W/0,25A	WNT12- 12V DC- 12W/1A	WNT12- 24V DC- 12W/0,5A	WNT12- 12V DC- 24W/2A	WNT12- 24V DC- 24W/1A	WNT12- 24V DC- 48W/2A
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 ±	12VDC, ±1%	24VDC, ±1%	12VDC, ±1%	24VDC, ±1%	12VDC, ±1%	24VDC, ±1%	24VDC, ±1%
Output current	0,5A	0,25A	1A	0,5A	2A	1A	2A
Standby loss	0,1 W	0,1 W	0,2 W	0,2 W	0,2 W	0,2 W	0,4 W
Residual ripple	100mV	100mV	100mV	100mV	100mV	100mV	100mV
Supply voltage	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC	88-264 VAC 120-370V DC
Insolation class	II	II	II	II	II	II	II
Class of protection	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	83 %	86 %	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	2	2	-
Size	1 module, 18mm	1 module, 18mm	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
Compliance with	EN 60 950, EN 55 022 and EN 61 000-6-2						

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 12W 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.