



The Better Choice

Wide-range switching power supply units WNT12 6, and 12 W	I0
Wide-range switching power supply units WNT12 24 and 48 W	I1
Switching power supply units SNT12 6, 12 and 24 W	I2
Switching power supply units SNT61 6W	I3
Technical data	I4

Wide-range Switching Power Supply Units WNT12

The better choice

Power supply units can be high power consumers - but not the switching power supply units from Eltako: the standby loss for the 12 and 24 W models is only 0.2 watt and for the 6 W models even less with only 0.1 watts !

An important factor governing the output of power supply units is efficiency. Here you can expect peak values of 81% to 87% from our products.

WNT12-12V DC-6W/0,5A and WNT12-24V DC-6W/0,25A



-	+
SEC (+/-) 24V DC / 0,25A	
PRI (L/N) 88-264V / 50-60Hz	
N	L

Rated capacity 6 W. Standby loss 0.1 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.

Even at full load a ventilation clearance is not necessary.

Wide-range input voltage 88 - 264V (110V -20 % up to 240V +10%).
Efficiency 12V DC 81%, 24V DC 82 %. Stabilised output voltage $\pm 1\%$, low residual ripple.
Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

WNT12-12V DC-6W/0,5A
WNT12-24V DC-6W/0,25A

EAN 4010312300091
EAN 4010312300107

49,70 €/pc.
49,70 €/pc.

WNT12-12V DC-12W/1A and WNT12-24V DC-12W/0,5A



-	+
SEC (+/-) 24V DC / 0,5A	
PRI (L/N) 88-264V / 50-60Hz	
N	L

Rated capacity 12 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.

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.

Wide-range input voltage 88 - 264V AC (110V -20 % up to 240V +10%).
Efficiency 12V DC 83%, 24V DC 86 %. Stabilised output voltage $\pm 1\%$, low residual ripple.
Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

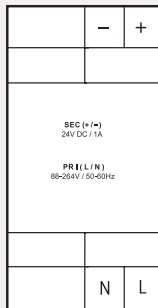
WNT12-12V DC-12W/1A
WNT12-24V DC-12W/0,5A

EAN 4010312901748
EAN 4010312901755

59,90 €/pc.
59,90 €/pc.

Recommended retail prices excluding VAT.

WNT12-12V DC-24W/2A and WNT12-24V DC-24W/1A



Rated capacity 24 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
2 modules = 36mm wide, 58mm deep.

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.

Wide-range input voltage 88 - 264 V AC (110V -20 % up to 240V +10 %).

Efficiency 12V DC 83 %, 24V DC 87 %. Stabilised output voltage $\pm 1\%$, low residual ripple. Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

WNT12-12V DC-24W/2A
WNT12-24V DC-24W/1A

EAN 4010312300077
EAN 4010312300084

66,60 €/pc.
66,60 €/pc.

WNT12-24V DC-48W/2A



Rated capacity 48 W. Standby loss 0.4 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
4 modules = 72 mm wide, 58 mm deep.

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.

Wide-range input voltage 88-264 V AC (110V -20 % up to 240V +10 %).

Efficiency 87 %. Stabilised output voltage $\pm 1\%$, low residual ripple. Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

WNT12-24V DC-48W/2A

EAN 4010312300114

98,60 €/pc.

Recommended retail prices excluding VAT.

Switching Power Supply Units SNT12

SNT12-230V/12V DC-0,5A and SNT12-230V/24V DC-0,25A



-	+
SEC (+/-) 24V DC/0,25A	
PRI (L/N) 207-253V/50-60Hz	
N	L

Rated capacity 6W. Standby loss 0.1 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.

Even at full load a ventilation clearance is not necessary.

Input voltage 230V (-20% up to +10%).

Efficiency 12V DC 81%, 24V DC 82%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

SNT12-230V/12V DC-0,5A
SNT12-230V/24V DC-0,25A

EAN 4010312301210
EAN 4010312301227

42,40 €/St.
44,30 €/St.

SNT12-230V/12V DC-1A and SNT12-230V/24V DC-0,5A



-	+
SEC (+/-) 24V DC/0,5A	
PRI (L/N) 207-253V/50-60Hz	
N	L

Rated capacity 12W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.
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.

Input voltage 230V (-20% up to +10%).

Efficiency 12V DC 83%, 24V DC 86%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

SNT12-230V/12V DC-1A
SNT12-230V/24V DC-0,5A

EAN 4010312301111
EAN 4010312301128

44,10 €/pc.
44,10 €/pc.

SNT12-230V/12V DC-2A and SNT12-230V/24V DC-1A



-	+
SEC (+/-) 24V DC/1A	
PRI (L/N) 207-253V/50-60Hz	
N	L

Rated capacity 24W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting. 2 modules = 36mm wide, 58mm deep.
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.

Input voltage 230V (-20% up to +10%).

Efficiency 12V DC 83%, 24V DC 87%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4. Housing for operating instructions GBA12 page Z5.

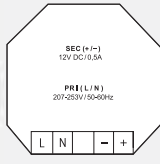
SNT12-230V/12V DC-2A
SNT12-230V/24V DC-1A

EAN 4010312301135
EAN 4010312301142

54,60 €/pc.
54,60 €/pc.

Recommended retail prices excluding VAT.

SNT61-230V/12V DC-0,5A



Rated capacity 6 W. Standby loss 0.1 watt only.

Built-in device for installation. 45 mm long, 55 mm wide, 33 mm deep.

Input voltage 230V (-20% up to +10%).

Efficiency 81%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

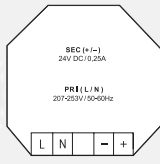
Technical data page I4.

SNT61-230V/12V DC-0,5A

EAN 4010312301319

39,40 €/pc.

SNT61-230V/24V DC-0,25A



Rated capacity 6 W. Standby loss 0.1 watt only.

Built-in device for installation. 45 mm long, 55 mm wide, 33 mm deep.

Input voltage 230V (-20% up to +10%).

Efficiency 82%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of switching off with automatic switching-on after fault clearance (autorecovery function).

Technical data page I4.

SNT61-230V/24V DC-0,25A

EAN 4010312301326

39,40 €/pc.

Recommended retail prices excluding VAT.

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	6W¹⁾	6W¹⁾	12W²⁾	12W²⁾	24W²⁾	24W²⁾	48W²⁾
Output voltage, tolerance \pm	12V DC, $\pm 1\%$	24V DC, $\pm 1\%$	12V DC, $\pm 1\%$	24V DC, $\pm 1\%$	12V DC, $\pm 1\%$	24V DC, $\pm 1\%$	24V DC, $\pm 1\%$
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 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, 2ms.

⁴⁾ With autorecovery function after fault clearance.