

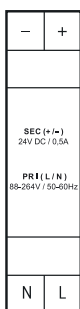
**WNT12-
SNT12-
SNT61-**



**SWITCHING POWER SUPPLY UNITS
AND WIDE-RANGE SWITCHING POWER
SUPPLY UNITS - WITH LOW STANDBY
CONSUMPTION AND HIGH EFFICIENCY.**

Switching power supply units and wide-range switching power supply units

Wide-range switching power supply units WNT12	17-2
Switching power supply units SNT12	17-4
Switching power supply units SNT14	17-5
Switching power supply units SNT61	17-6
Technical data switching power supply units and wide-range switching power supply units	17-7



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



Wide-range switching power supply unit. 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 88-264 V AC (110 V -20% up to 240 V +10%).

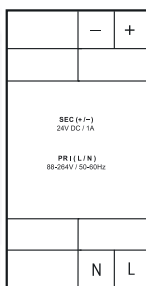
Efficiency 12 V DC 83%, 24 V DC 86%. Stabilised output voltage ±1%, low residual ripple.

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 17-7.

WNT12-12V DC-12W/1A	Wide-range switching power supply unit	EAN 4010312901748	62,90 €/pc.
WNT12-24V DC-12W/0,5A	Wide-range switching power supply unit	EAN 4010312901755	62,90 €/pc.



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



Wide-range switching power supply unit. Rated capacity 24 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.

2 modules = 36 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 (110 V -20% up to 240 V +10%).

Efficiency 12 V DC 83%, 24 V DC 87%. Stabilised output voltage ±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 17-7.

WNT12-12V DC-24W/2A	Wide-range switching power supply unit	EAN 4010312300077	69,90 €/pc.
WNT12-24V DC-24W/1A	Wide-range switching power supply unit	EAN 4010312300084	69,90 €/pc.



Technical data page 17-7.

WNT12-24V DC-48W/2A



Wide-range switching power supply unit. 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 (110 V -20% up to 240 V +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).

WNT12-24V DC-48W/2A	Wide-range switching power supply unit	EAN 4010312300114	103,60 €/pc.
----------------------------	--	-------------------	---------------------



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



Switching power supply unit. 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.

Input voltage 230 V (-20% up to +10%). Efficiency 12 V DC 83%, 24 V DC 86%.

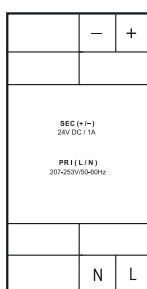
Stabilised output voltage $\pm 1\%$, low residual ripple.

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 17-7.

SNT12-230V/12V DC-1A	Switching power supply unit	EAN 4010312301111	51,20 €/pc.
SNT12-230V/24V DC-0,5A	Switching power supply unit	EAN 4010312301128	51,20 €/pc.



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



Switching power supply unit. Rated capacity 24 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.

2 modules = 36 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 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 230 V (-20% up to +10%). Efficiency 12 V DC 83%, 24 V 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 17-7.

SNT12-230V/12V DC-2A	Switching power supply unit	EAN 4010312301135	63,30 €/pc.
SNT12-230V/24V DC-1A	Switching power supply unit	EAN 4010312301142	63,30 €/pc.



Technical data page 17-7.

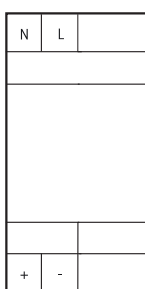
SNT14-24V/12W



Switching power supply unit. 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.
 Input voltage 230 V (-20% up to +10%). Efficiency 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).

SNT14-24V/12W	Switching power supply unit	EAN 4010312314395	39,50 €/pc.
----------------------	-----------------------------	-------------------	--------------------



Technical data page 17-7.

SNT14-24V/24W



Switching power supply unit. Rated capacity 24 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.
 2 modules = 36 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.
 Input voltage 230 V (-20% up to +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).

SNT14-24V/24W	Switching power supply unit	EAN 4010312314401	47,60 €/pc.
----------------------	-----------------------------	-------------------	--------------------



Technical data page 17-7.

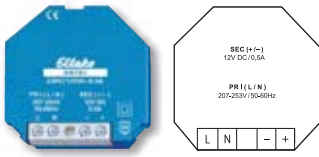
SNT14-24V/48W



Switching power supply unit. 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.
 Input voltage 230 V (-20% up to +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).

SNT14-24V/48W	Switching power supply unit	EAN 4010312314418	79,50 €/pc.
----------------------	-----------------------------	-------------------	--------------------



Technical data page 17-7.

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



Switching power supply unit. Rated capacity 6 W. Standby loss 0.1 watt only.

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

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

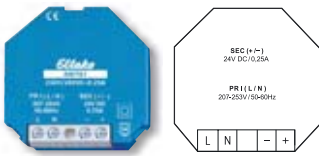
Efficiency 81%.

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).

SNT61-230V/12V DC-0,5A	Switching power supply unit	EAN 4010312301319	49,60 €/pc.
-------------------------------	-----------------------------	-------------------	--------------------



Technical data page 17-7.

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



Switching power supply unit. Rated capacity 6 W. Standby loss 0.1 watt only.

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

Input voltage 230 V (-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).

SNT61-230V/24V DC-0,25A	Switching power supply unit	EAN 4010312301326	49,60 €/pc.
--------------------------------	-----------------------------	-------------------	--------------------

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.