

Wide-range Switching Power

WNT12

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

Rated capacity 6 W.

Standby loss 0.1 watt only.

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

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

Rated capacity 12 W.

Standby loss 0.2 watt only.

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

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

Rated capacity 24 W.

Standby loss 0.2 watt only.

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

WNT12-24 V DC-48 W/2 A:

Rated capacity 48 W.

Standby loss 0.4 watt only.

Efficiency 87 %.

Modular devices for DIN 60715 TH35 rail mounting.

6 W- and 12 W-devices:

1 module = 18 mm wide, 58 mm deep.

24 W-devices:

2 modules = 36 mm wide, 58 mm deep.

48 W-devices:

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 switchingpower 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 % to 240 V +10 %).

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

Residual ripple	100 mV
Class of protection	II
Protection degree	IP 20
Starting current ¹⁾	18 A/230 V
Overload protection short-term	160-200 %
Overvoltage protection	140-170 %
Switchable in parallel, number	2
WNT12-24 V DC-48 W:	-
Operating temperature	-10/+50 °C

¹⁾ If connected on the primary side, 2 ms.

Warning !

Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.