

Switching power supply unit

FSNT14-12V/12W

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

Switching power supply unit rated capacity 12 W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.

1 module = 18mm wide, 58mm deep.

The scope of delivery includes 2 terminators for plugging with imprint Ω , 1/2 module, 1 jumper 1 module, 1 jumper 1.5 module and a spacer DS14.

At a load of more than 50% of the rated capacity and always if there are adjacent switching power supply units and dimmers a ventilation clearance of 1/2 module must be maintained with the spacers DS14. Therefore, this and a long jumper are included to the dimmers.

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

Efficiency 83%.

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

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

If the total power demand of a bus system with FTS14 and/or FAM14 is higher than 12 W, other switching power supply units FSNT14-12V/12W are required. This may not be connected in parallel, but each are supplying a group of actuators, which are separated with a disconnecting link on the FSNT14. For this purpose there is a 18mm wide disconnecting link TB14 as an accessory.

Technical data

Residual ripple	100mV
Class of protection	II
Protection degree	IP20
Starting current ¹⁾	18A/230V
Overload protection short-term	160-200%
Overvoltage protection	140-170%
Switchable in parallel, number	-
Operating temperature	-10/+50°C


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

Must be kept for later use!

We recommend the housing for operating instructions GBA14.

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