

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 12W. Standby loss 0.2 watt only.

Modular devices for DIN 60715 TH35 rail mounting.

1 module = 18mm wide, 58mm deep.

If the total power demand of a Series 14 bus system is higher than 8W, 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.

The scope of delivery includes 1 disconnecting link TB14 1 TE, 1 jumper 1.5 TE 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.

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).

This switching power supply unit can also be used for producing a redundancy. Therefore only 1 FSNT14 should be

plugged in parallel to the integrated power supply units into the FAM14 and FTS14KS and connected to a normal jumper.

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%

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

Must be kept for later use!

We recommend the housing for operating instructions GBA14.

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