

785655



External power supply unit 24 V DC/ 1 A


VdS Approval: VdS

The external power supply unit 785655 enables an uninterruptible power supply of field devices and third-party detectors. The power supply unit complies with the EN, DIN and VDE standards. Relay outputs are available for common trouble, power failure, battery failure and ground fault. All relays work as potential-free change over contacts.

Technical Data

| | |
|--------------------------|-----------------------------|
| Rated voltage | 230 V AC; +10%/-15% |
| Nominal frequency | 50 to 60 Hz |
| Rated current | 0.7 A |
| Operating voltage | 21.0 V DC to 29.6 V DC |
| Output voltage range | 24 V DC |
| Output current | max. 1A |
| Maximum battery capacity | 24 Ah |
| Battery charging voltage | 27.6 V DC at +25°C |
| Emergency power supply | 400 mA @ 60h / 333 mA @ 72h |
| Contact load relay | 30 V DC / 1 A |
| Ambient temperature | -5°C to +45°C |
| Storage temperature | -25°C to +75°C |
| Type of protection | IP 30 |
| Class of protection | I as per DIN EN 60950 |
| Housing | sheet steel |
| Colour | grey, similar to RAL 7035 |
| Weight | approx. 8kg (w/o battery) |
| Dimensions (W x H x D) | 300 x 380 x 200mm |

Accessories:

382040 8-fuse card

960000.GB



External power supply 2A/24VDC 17Ah EN 54-4



Features

- light indication of the state of the power supply
- floating mode with temperature compensation
- equalize charging of the battery with the charging current limitation
- detection of low and high voltage of the battery
- detection of a battery circuit break
- electronic low voltage disconnect of the battery
- monitoring of output fuses
- continuous testing of the rectifier's operation
- monitoring of the internal temperature
- visual and remote indication of alarm

The power supply ZSP135 is dedicated to work in fire detection and building automation systems. It is a source of guaranteed 24V voltage. It is manufactured as a wall box with a lock. It has a space inside to mount two batteries. The controller protects the internal battery bank against too low discharge by means of the built-in disconnect device. The power supply complies with the norm EN 54- 4/A1.

Starting from July 2008 we will deliver the PSU compliant with the norm EN54 - 4/A2.

Application:

- components of fire alarm systems
- actuators of smoke extraction systems and fire and smoke dampers
- fire alarm control panels
- devices of industrial automation

Maximal Battery Capacity is 17Ah.

Batteries for power supplies ZSP135-D should be ordered separately.
(compatible Battery: 765741).

Technical Data

| | |
|-------------------------------|-----------------------|
| Efficiency | Min 80 % |
| Cooling | Convector |
| Working Temperatur Range | -10°C to +55°C |
| Class of protection | IP32 |
| Voltage | 184...U230U...253V |
| Floating mode Voltage (25°C) | 26.8 V |
| Output voltage | 20...28V |
| Electric Safety | EN 60950:2004 class I |
| Electromagnetic Interferences | EN 55022:2000 level B |
| ECM Immunity | EN-54-4:2001 |
| Type | ZSP135-D-2A-1 |
| Max Output Current | 2A |
| Nominal Output Current | 1,0 A |
| Weight with Batteries | 18,0 kg |
| Dimensions (W x H x D) | 390 x 350 x 90 mm |