

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

960001.GB

**External power supply 3A/24VDC 17Ah EN54-4**

like 960000.GB, but

Maximal Battery Capacity is 17Ah.
Batteries for power supplies ZSP135-D should be ordered separately.
(compatible Battery: 765741).

Technical Data

Max Output Current	3A
Nominal Output Current	2,0 A
Weight with Batteries	18,0 kg
Dimensions (W x H x D)	390 x 350 x 90 mm

960002.GB

**External power supply 3A/24VDC 28Ah EN 54-4**

like 960000.GB, but

Maximal Battery Capacity is 28 Ah.
Batteries for power supplies ZSP135-D should be ordered separately.
(compatible Battery: 765751).

Technical Data

Max Output Current	3A
Nominal Output Current	1,5 A
Weight with Batteries	28,3 kg
Dimensions (W x H x D)	390 x 350 x 140 mm

960003.GB

**External power supply 5A/24VDC 17Ah EN 54-4**

like 960000.GB, but

Maximal Battery Capacity is 17 Ah.
Batteries for power supplies ZSP135-D should be ordered separately.
(compatible Battery: 765741)

Technical Data

Max Output Current	5A
Nominal Output Current	4,0 A
Weight with Batteries	18,0 kg
Dimensions (W x H x D)	390 x 350 x 90 mm

960004.GB

**External power supply 5A/24VDC 28Ah EN 54-4**

like 960000.GB, but

Maximal Battery Capacity is 28 Ah.
Batteries for power supplies ZSP135-D should be ordered separately.
(compatible Battery: 765751)

Technical Data

Max Output Current	5A
Nominal Output Current	3,5 A
Weight with Batteries	28,3 kg
Dimensions (W x H x D)	390 x 350 x 140 mm