

## **IRIS PS72**

Back-up power supply unit for IRIS addressable fire alarm panel



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EN 54-4:1997 EN 54-4:1997/AC:1999 EN 54-4:1997/A1:2001 EN 54-4:1997/A2:2006

ATTENTION: Read carefully this installation Instructions before installing the device! This manual is subject to change without notice!



18020959; RevB; 04/2024

## **IMPORTANT NOTES**

• Warning! An appropriate disconnect device shall be provided as part of the building.

• Switch OFF the main power supply and the battery of the IRIS panel before installing the IRIS PS72 power supply unit!

• Use only the connection cables supplied with the equipment: red and black wires for connection to JP4 terminals; white and grey wires for connection to FLT terminals! Do not shorten or extending these cables!

• Make all the wiring observing the polarity of the connections following the presented connection diagrams. If after powering on the IRIS PS72, the LED "WRONG CONNECTION" is lighting on, switch off the power supply immediately and check the connection between the power supply unit of IRIS panel and terminals JP4 of IRIS PS72!

• If the LED "Hi Resist" for Battery 1 or 2 is blinking it is strongly recommended to change the batteries immediately!

• The cover is mounted to the box bottom with hinges fixed with dismountable rivets. The angle of opening of the front cover must not be greater than 110°!

# TECHNICAL SPECIFICATIONS Main power supply 230V~ +

Main power supply
DC Output:
- Voltage 9.9-14.2V
- Max. Current
Int. resistance of the battery Ri . < 0.30hm
Max. battery capacity
Charger outputs
Color of the box grey
Dimensions
Max. dimensions of 1 battery 167x181x76mm



## INSTALLATION INSTRUCTIONS

#### **General Description**

IRIS PS72 is a power supply unit designed for back-up power supply of IRIS addressable fire alarm panel. The power supply is placed into a metal box suitable for building of a modular structure with the addressable panel and a second power supply unit. The access to the main board and the cable connections is secured with a key.

The status of IRIS PS72 is displayed via a LED indication on the main PCB. The status of the power supply unit can be continuously monitored with enabling the option "External PSU Check" from the IRIS panel menus. When the option is enabled the panel will display a fault message "External Power Supply Fault, Periphery Device 1-PSU" in case of any trouble with the power supply. The respective trouble of the power supply is visualized with a blinking LED on the PCB.

At normal operation mode only "OK" green LED is blinking and all other LEDs are off. In case of main power supply (230V~) loss the "FLT" yellow LED starts blinking and "OK" green LED is off. In case of trouble with a Battery 1 and/or 2, the yellow LEDs at sections Batt1 and/or Batt2 are blinking. A detail description of all LED indicators is performed at Item 2: IRIS PS72 Main Board - see on page 2.



