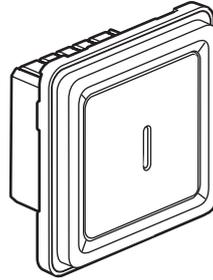


Soliroc™ - IK 10 high resistance time-delay switch

Cat. No(s): 778 23



1. USE

The SOLIROC time-delay switch controls a 1000W halogen or incandescent source. It can also control a motor, e.g. a ventilation system. The new Soliroc™ IK10 programme guarantees robust impact resistance in environments that are hazardous or without surveillance, whether indoors or outdoors (warehouses, public buildings, motorway services, offices, shops, schools, hospital institutions, prisons, etc.).

The 5 commitments of the SOLIROC range

Security: The IK10 rating (20 joule impact energy) guarantees optimal impact resistance and protection against vandalism. It is impossible to tear off a SOLIROC switch due to the use of four zamak sealing plugs pressed into the plate (removable only by drilling).

Reliability: The IP55 rating guarantees a long useful lifetime, whether indoors or outdoors. All external parts are made of zamak for optimal robustness.

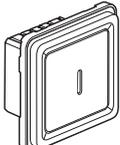
Practicality: The plate is thin, thereby limiting the amount of possible grip and reducing the risk of attempted tearing-off. There is minimal space between parts, guaranteed by the IP5X rating (impenetrable by solid bodies greater than 1 mm in diameter and protected against dust).

Installation: Depends on the nature of the building. We recommend using 50 mm-deep multi-material or concrete BATIBOX mounting boxes (40 mm accepted). To guarantee the best tear-off resistance:

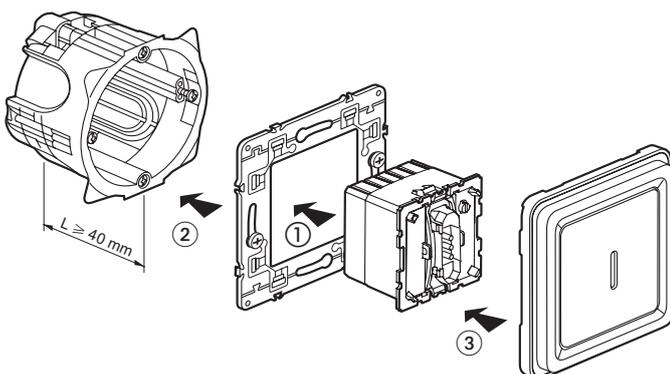
- Attach the SOLIROC plates using 4 standard screws (4 mm diameter, 40 mm length).
- Select wall plugs according to the nature of the walls. For concrete walls, we recommend that you use expanding nylon wall plugs (6 mm diameter, useful length 40 mm).

Quality control: factory inspection according to ISO 9001/9002 procedures.

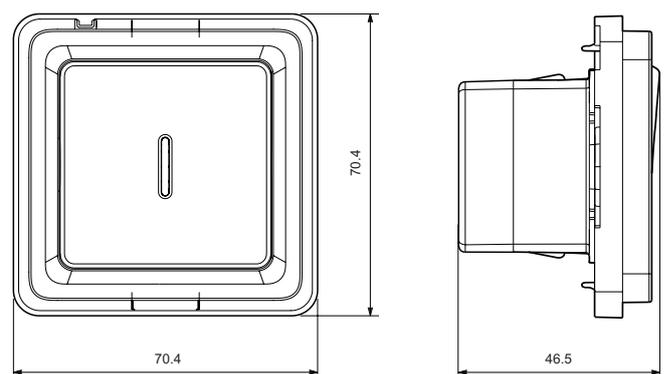
2. RANGE

|  | Designation | Cat. No. | Number of modules | Connection method | Weight (g) | General characteristics |
|---|---|----------|-------------------|-------------------|------------|---|
| | Time-delay switch without neutral - 2 wire 1000 W Time delay from 25 sec. to 15 min. | 778 23 | 2 | With screws | 185 | 1000 W incandescent or 400 VA halogen Motor 250 VA - 230 V |

3. INSTALLATION



4. OVERALL DIMENSIONS



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5. CONNECTION

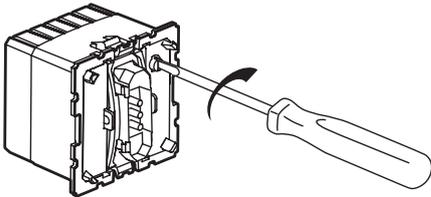
Type of connection: screw terminals
Terminal capacity: 2 x 2.5 mm²
Stripping length: 6 mm

6. OPERATION

Configuration:

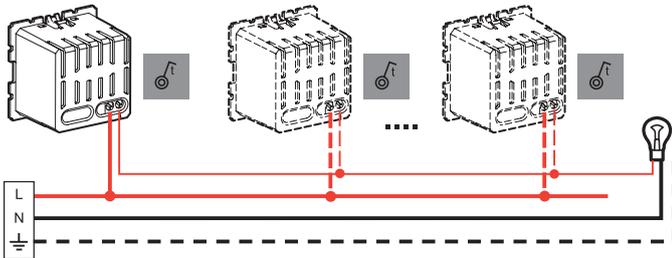
Set desired time delay using a flat-head screwdriver: from 25 sec up to 15 min.

Functions:



- Press once to turn on during delay period.
- Press < 2 sec during delay period to reset time delay.
- Press > 2 sec during delay period to turn off.

The switch uses a LED for lighting.



Connect the operating voltage with the same phase.

7. TECHNICAL DATA

7.1 Mechanical characteristics

Impact resistance: IK 10
Penetration by solid/liquid bodies: IP 55

7.2 Material characteristics

Mechanism: grey polycarbonate.
These devices comply with standard NF EN 62094-1 (2003), degree of severity 850° C for components made of insulating material supporting the current-carrying elements and 650° C for the other components.
Rocker: zamak
Sub-plate made of polycarbonate
Surface coating: copper plating + acid copper plating + matt nickel plating + chrome plating approx 0.1 mm in thickness.
Colour: matt chrome grey
SEBS sealing membrane

7.3 Electrical characteristics

Voltage: 250 VAC
Motor supply voltage: 250 VA

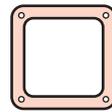
7.4 Climatic characteristics

Storage temperature: - 10° C to + 70° C
Operating temperature: - 5° C to + 40° C

8. ACCESSORIES

8.1 Foam seals

Material: EPDM (Ethylene, Propylene, Diene, Monomer).
Compensates for major wall defects



778 85
1-gang



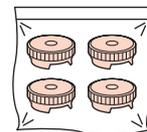
778 86
2-gang (horizontal/vertical)



778 87
3-gang (horizontal/vertical)

8.2 Sealing plug

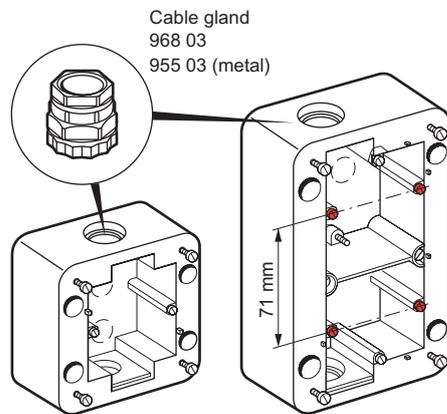
Spare plugs delivered in bags of 4, with 5 bags to a box and 10 boxes to a carton.



778 96

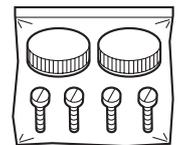
8.3 Surface mounted frames

Material: polyester
Max. depth: 38 mm
ISO 20 cable glands can be mounted:
Cat. No. 968 03 (+ nut 968 43) and Cat. No. 955 03 (+ nut 979 83).



778 90
1-gang

778 92
2-gang (horizontal/vertical)



Supplied with bag
2 plugs + 4 screws