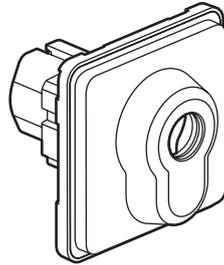


# Soliroc™ IK 10 high resistance Key-operated switch

Cat. No(s): 0 778 74/75



## 1. USE

SOLIROC key-operated switches control or close circuits requiring the use of a key. 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:

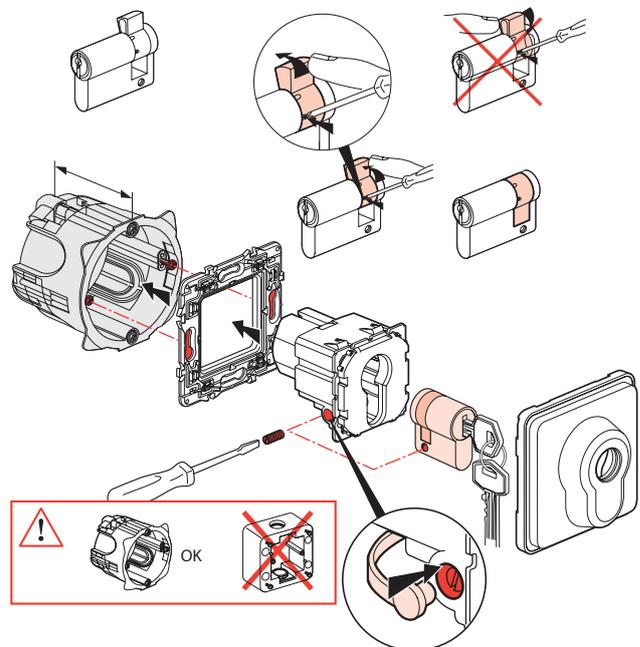
- Attach the SOLIROC plates using 4 standard screws (4 mm diameter, 40 mm length).
- Select wall plugs according to the nature of the walls. For concrete walls, we recommend that you use expanding nylon wall plugs (6 mm diameter, useful length 40 mm).

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

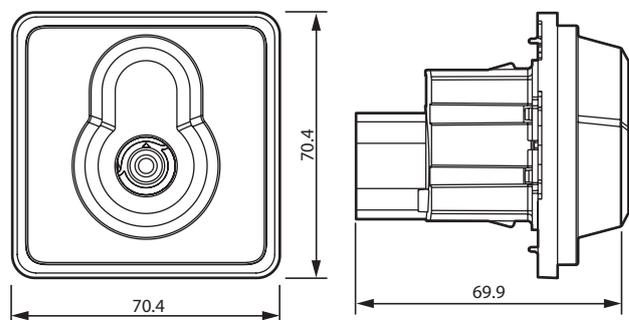
## 2. RANGE

	Designation	Cat. No.	General characteristics
	2-position key switch Key removal in central position	0 778 74	2 NO contacts 6 A - 230 V
	Key-operated push-button 3 positions Key removal in stop position	0 778 75	Push-button with stop position 6 A - 230 V

## 3. MOUNTING

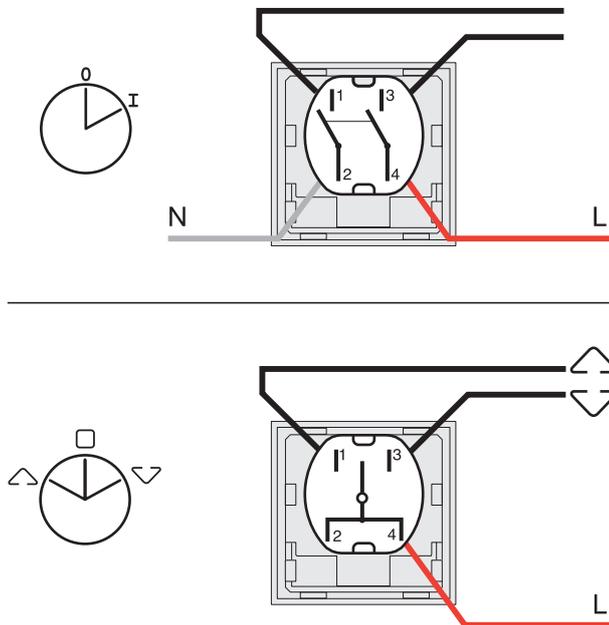


## 4. OVERALL DIMENSIONS (mm)



## 5. CONNECTION

Type of connection: screw terminals  
 Terminal capacity: 2 x 2.5 mm<sup>2</sup>  
 Stripping length: 6 mm



## 6. OPERATION

For Cat. No. 0 778 74, the key is removed in the central position, without altering the state of the contacts.  
 For Cat. No. 0 778 75, the key is removed in the central position on the stop function.

## 7. TECHNICAL DATA

### 7.1 Mechanical characteristics

Impact resistance: IK 10  
 Penetration by solid bodies and liquids: IP 54

### 7.2 Material characteristics

Mechanism: grey polycarbonate  
 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  
 These devices comply with standard NF EN 62094-1 (2003).  
 Self extinguishing:  
 + 850° C / 30 s for insulating parts holding live parts in place.  
 + 650° C / 30 s for other parts made of insulating materials.

### 7.3 Electrical characteristics

	
6 A - 250 VA 50/60 Hz	750 W - 230 VA max. 45 V = 3 A max.

### 7.4 Climatic characteristics

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

## 8. CLEANING

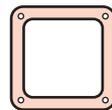
Resistance to cleaning agents: Hexane, Methylated spirits, Agent for the window, Washing diluted bleach 10%, Graffiti remover, Acetone, White spirit, Gasoline F.

**Caution:** Conduct preliminary tests before using any other specific cleaning products.

## 9. ACCESSORIES

### 9.1 Foam seals

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



0 778 85  
1-gang



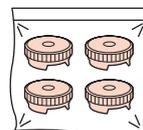
0 778 86  
2-gang (horizontal/vertical)



0 778 87  
3-gang (horizontal/vertical)

### 9.2 Sealing plug

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



0 778 96