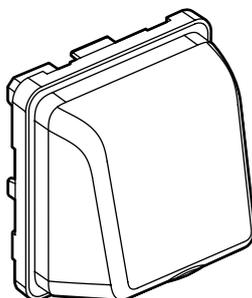# Soliroc™ IK 10 high resistance Cable outlet

Cat. No(s).: 778 50

1. USE

The Soliroc cable outlet is supplied with a cable tie. 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 it being torn off. Minimal space exists 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).
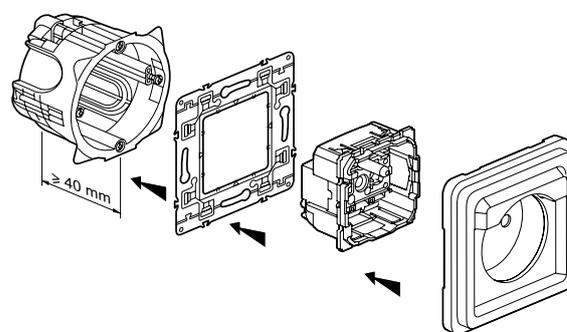To guarantee the best tear-off resistance:
- Attach the SOLIROC plates using 4 standard screws (4 mm diameter, 40 mm length).
- Select wall plugs according to the nature of the walls. For concrete walls, we recommend using expanding nylon wall plugs (6 mm diameter, useful length 40 mm).

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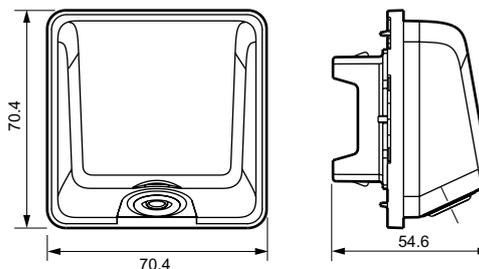
2. GAMME

	Designation	Cat. No.	Number of modules	Weight (g)
	Cable outlet with cable tie supplied	778 50	2	147

3. INSTALLATION

4. OVERALL DIMENSIONS

70.4 × 70.4 — 54.6

5. OPERATION

The cable outlet is fitted with cable ties and the maximum diameter for cables to be used is: 12.5 mm.

Technical data sheet: F01005EN/00   Updated: Created: 19/01/2010

Soliroc™ IK 10 high resistance Cable outlet

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6. TECHNICAL DATA

6.1 Mechanical characteristics
Impact resistance: IK 10
Penetration by solid bodies/liquids: IP 55

6.2 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), degree of severity 850° C for components made of insulating material supporting the current-carrying elements and 650° C for the other components.

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

7. MAINTENANCE CLEANING

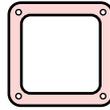Bound to cleaning agents without damage agents as:
Hexane, Alcohol burning, Agent for the window, Washning diluted bleach 10%, Graffiti remover, Acetone, White spirit, Gasoline F.

8. ACCESSORIES

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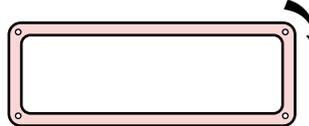Material: EPDM (Ethylene, Propylene, Diene, Monomer).
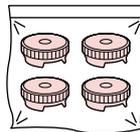Compensates for major wall defects.

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.
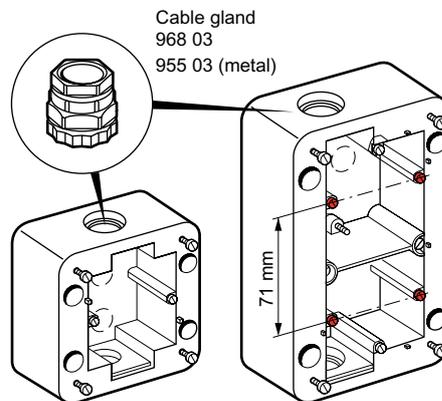
778 96

8.3 Surface mounting frames
Material: polyester
Max. depth: 38 mm
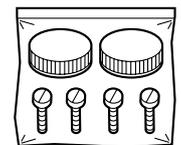ISO 20 cable glands can be mounted:
Cat. No. 968 03 (+ nut 968 43) and Cat. No. 955 03 (+ nut 979 83)
Tested according to the flame of the lighter.

Cable gland
968 03
955 03 (metal)

71 mm

Supplied with bag
2 plugs + 4 screws

778 90
1-gang

778 92
2-gang (horizontal/vertical)