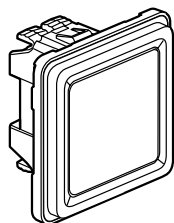


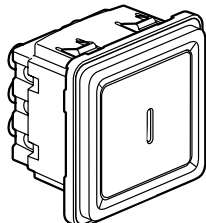
Soliroc™ IK 10 high resistance 10 AX - 20 AX switch - 6 A push-buttons

Cat. Nos.: 778 11/12/13/14/21/22/41/42/43/44

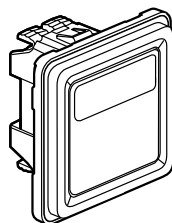
CONTENTS	Page
1. Use.....	1
2. Range.....	1-2
3. Installation.....	2
4. Overall dimensions.....	2-3
5. Connection.....	3
6. Technical data.....	3
7. Compliance - Approvals.....	3
8. Accessories.....	3



778 11/12/41



778 12/14/44



778 13/43

1. USE

Soliroc switches and push-buttons are lighting control mechanisms which can house locator devices (lamps, etc.) if needed. The new Soliroc™ IK10 programme guarantees robust impact resistance in environments that are hazardous or unsupervised, whether indoors or outdoors (warehouses, public buildings, motorway services, offices, shops, schools, prisons, etc.).

The 5 commitments of the SOLIROC range.

Security: the IK10 rating (20 joule impact force) guarantees optimal resistance and protection against vandalism. It is impossible to tear off a SOLIROC switch due to the use of four zamak sealing plugs on 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 deliberately thin, thereby limiting the amount of possible grip and reducing the risk of attempted tear-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 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. Nos.	Number of modules	Connection method	General characteristics	Weight (g)
	Two-way switch 10 AX - 250 V	778 11	2	automatic	10 AX - 250 V	170
	Intermediate switch 10 AX - 250 V	778 21	2	automatic	10 AX - 250 V	170
	Illuminated two-way switch with indicator light 676 66 10 AX - 250 V	778 12	2	automatic	10 AX - 250 V	170
	Two-way switch with indicator light supplied complete with lamp 676 68 10 AX - 250 V	778 14	2	automatic	10 AX - 250 V	170
	Two-way switch marking space 10 AX - 250 V	778 13	2	automatic	10 AX - 250 V	170
	Double pole switch 20 AX - 250 V	778 22	2	automatic	20 AX - 250 V	170

Soliroc™ IK 10 high resistance 10 AX - 20 AX switch - 6 A push-buttons

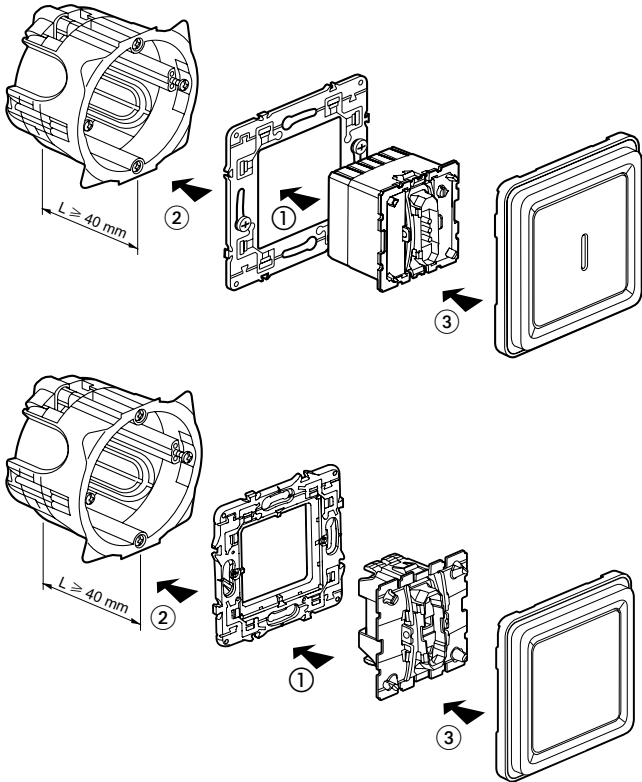
Cat. Nos.: 778 11/12/13/14/21/22/41/42/43/44

2. RANGE (continued)

	Designation	Cat. Nos.	Number of modules	Connection method	General characteristics	Weight (g)
	Two-way push-button NO-NC contact 6 AX - 250 V	778 41	2	automatic	6 AX - 250 V	170
	Illuminated two-way push-button NO contact supplied complete with 676 66 6 AX - 250 V	778 42	2	automatic	6 AX - 250 V	170
	Two-way push-button with marking space NO-NC contact 6 AX - 250 V	778 43	2	automatic	6 AX - 250 V	170
	Two-way push-button with indicator light NO free contact supplied complete with lamp 676 68 6 AX - 250 V	778 44	2	automatic	6 AX - 250 V	170

3. INSTALLATION

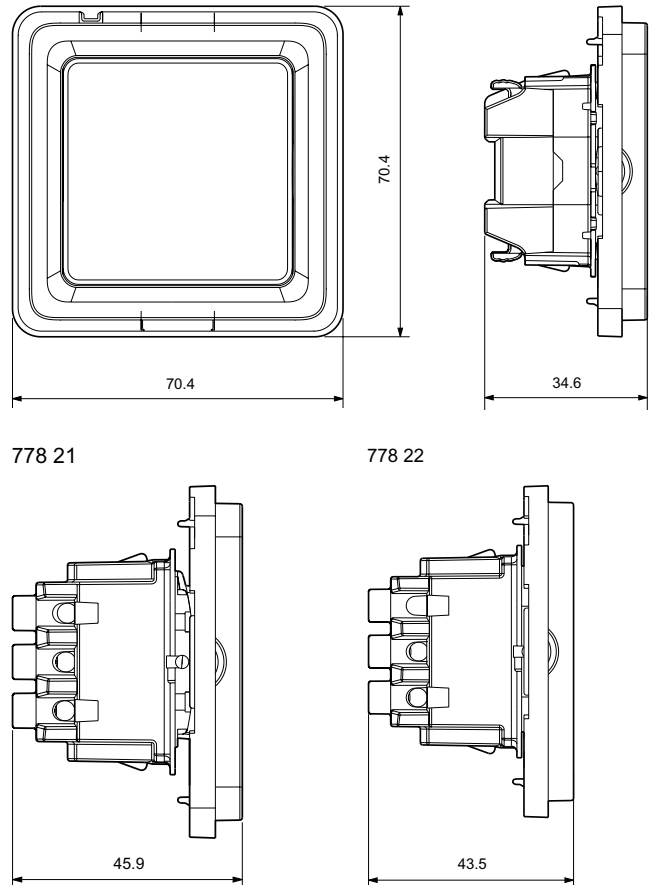
778 21/22



4. OVERALL DIMENSIONS

778 11/21/22/41

778 11/12/13/14/41/42/43/44

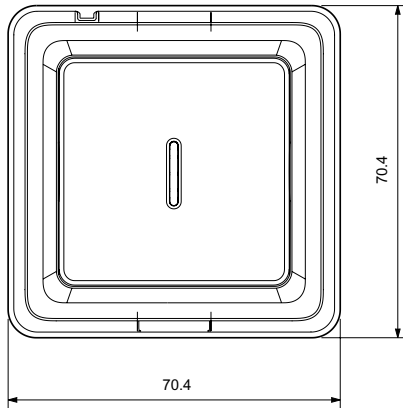


Soliroc™ IK 10 high resistance 10 AX - 20 AX switch - 6 A push-buttons

Cat. Nos.: 778 11/12/13/14/21/22/41/42/43/44

4. OVERALL DIMENSIONS (continued)

778 12/14/42/44



5. CONNECTION

Type of connection: automatic terminals
Terminal capacity: 2 x 2.5 mm²
Stripping length: 13 mm

6. TECHNICAL DATA

6.1 Mechanical characteristics

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

6.2 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 treatment: copper plating + acid copper plating + matt nickel plating + chrome plating approx 0.1 mm in thickness.
Colour: mat chrome grey
SEBS sealing membrane

6.3 Electrical characteristics

Voltage: 250 VAC
Current: 10 AX (778 11/12/13/14/21) - 20 AX (778 22)
6 A current: (778 41/42/43/44)
Frequency: 50/60 Hz

6.4 Climatic characteristics

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

7. COMPLIANCE - APPROVALS

778 11/12/13/14/21/22/41/42/43/44: NF

8. ACCESSORIES

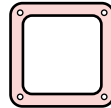
8.1 Lamps

676 66/68

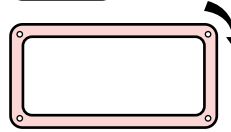


8.2 Foam seals

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



778 85
1-gang



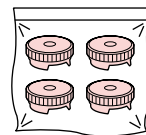
778 86
2-gang (horizontal/vertical)



778 87
3-gang (horizontal/vertical)

8.3 Sealing plug

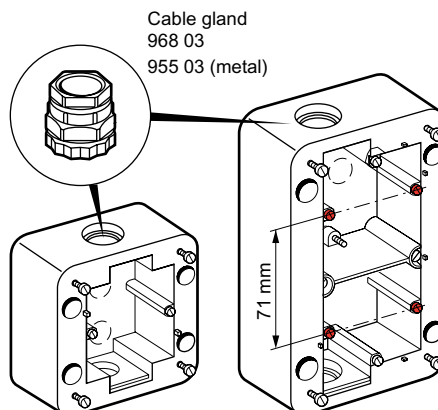
Spare plugs delivered in bags of 4, with 5 bags to a box and 10 boxes to a carton.



778 96

8.4 Surface mounting frames

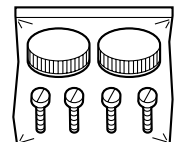
Material: polyester
Max. depth: 38 mm
ISO 20 cable glands can be mounted:
Cat. No. 968 03 (+ nut 968 43) and Cat. No. 955 03 (+ nut 979 83)



Cable gland
968 03
955 03 (metal)

778 90
1-gang

778 92
2-gang (horizontal/vertical)



supplied with a bag containing 2 plugs and 4 screws.