



INSTALLATION KITS

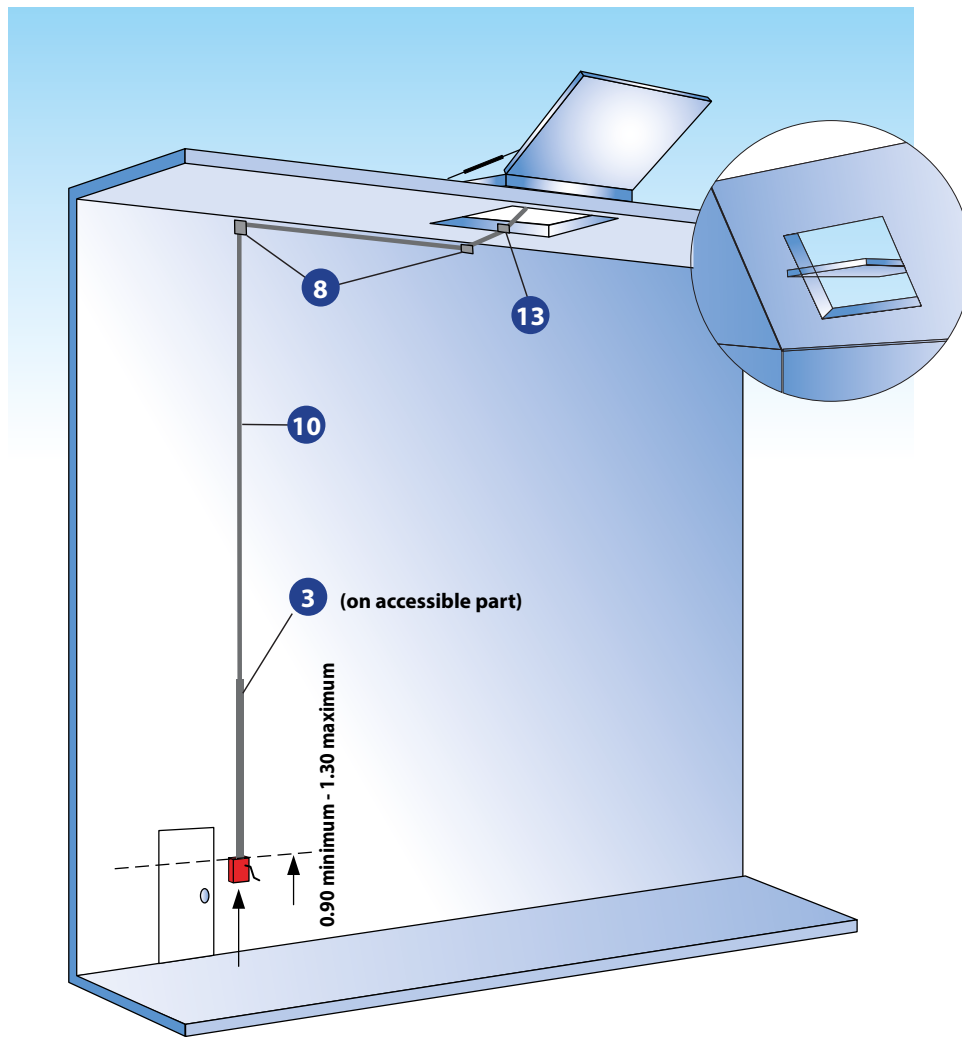
Mechanism control

We offer upgradable installation kits providing mechanism control for your actuated safety devices. Easy-to-install mechanism control with the option to combine a basic kit with several satellites (mechanical, pneumatic, electric) for the following systems: PYRODÔME® ÉVOLUTREUIL and ÉVOLUPNEU, PYROPASS®, PYROTOP®, ROOFLAM® ÉVOLUTREUIL and ÉVOLUPNEU, PYROMAX®, SKYBAIE®, all other CE-certified skylights.



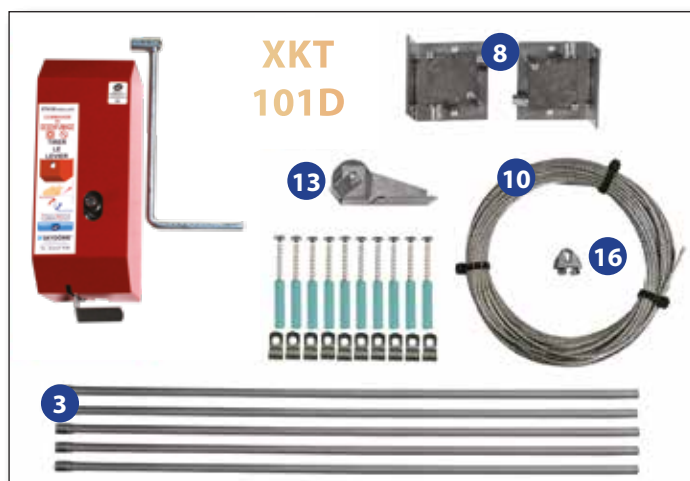
— STAIRWELL USE: FAMILY 2

XKT 101D crank handle kit



PRODUCT ADVANTAGES

- + Modular crank handle tested to 150 kg
- + Kit provided in packaging with installation instructions

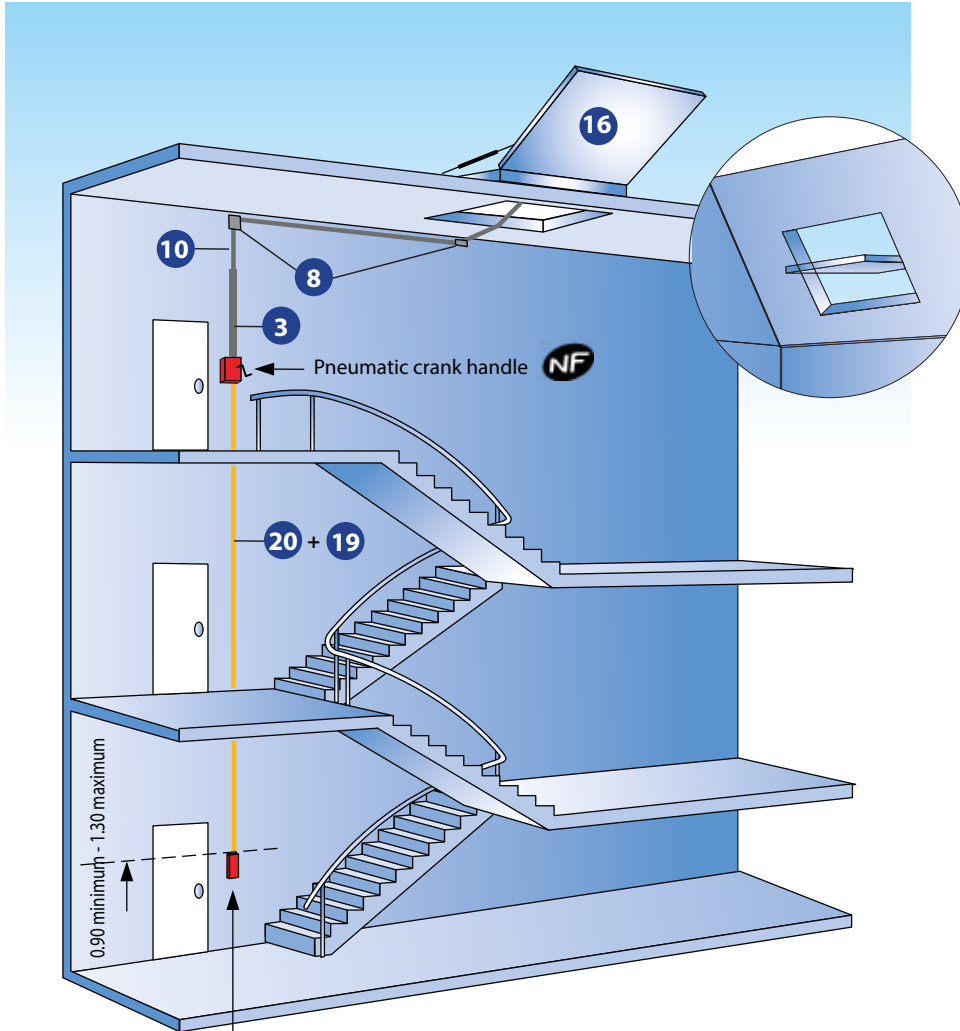


Contents of the mechanical triggering kit:

- 1 mechanical crank handle **NF**
- 15 m of cable **10**
- 1 cable clamp **16**
- 2 enclosed pulleys **8**
- 1 offset pulley **13**
- 2.5 m of protective cable sleeve for cable **3**
- Bags of fasteners

— STAIRWELL USE: FAMILY 2 OR 3B

XKT 102D pneumatic kit



Opening-only cabinet **17**
60 g maximum
+ 3 CO₂ cartridges **12**

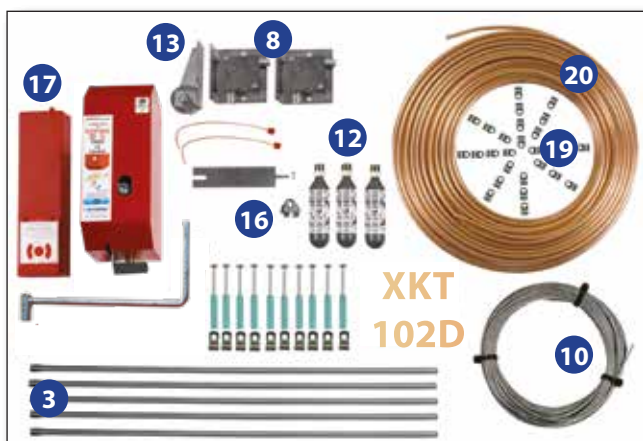
— Steel cable connection
— Pneumatic connection



PRODUCT ADVANTAGES

- + Assembled pneumatic triggering module
- + Kit provided in packaging with installation instructions
- + 3 cartridges included

NB:
Do not install automatic triggering in the case of family 3B.



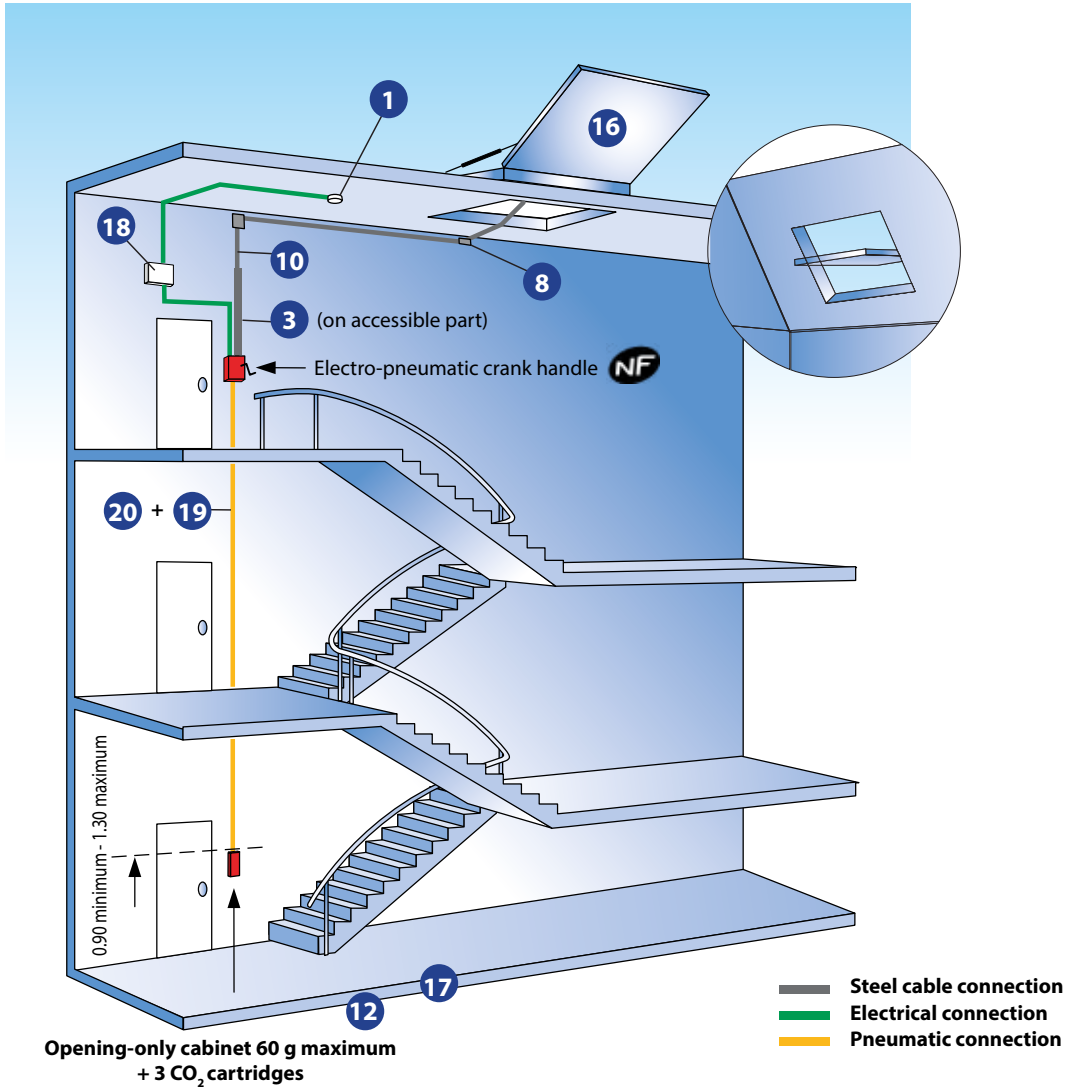
Contents of the pneumatic triggering kit:

- 1 pneumatic crank handle **NF**
- 15 m of cable **10**
- 1 cable clamp **16**
- 2 enclosed pulleys **8**
- 1 offset pulley **13**
- 2.5 m of protective cable sleeve for cable **3**
- 1 opening-only cabinet 60 g maximum **17**
- 3 CO₂ cartridges weighing 27 g **12**
- 25 m of copper pipe **20**
- 25 fixing clamps for copper pipe **19**
- Bags of fasteners



— STAIRWELL USE: FAMILY 3A

XKT 1031 electro-pneumatic kit

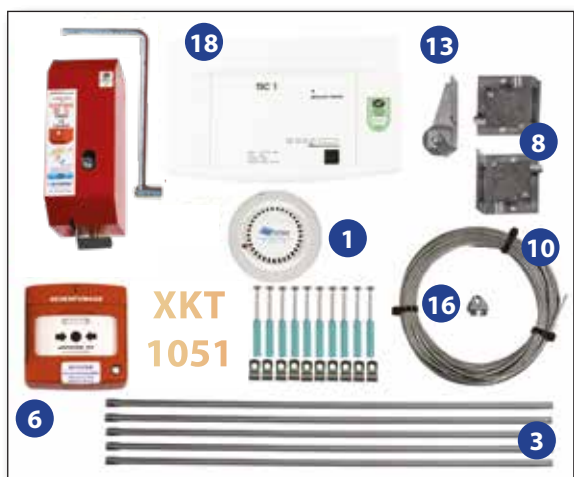
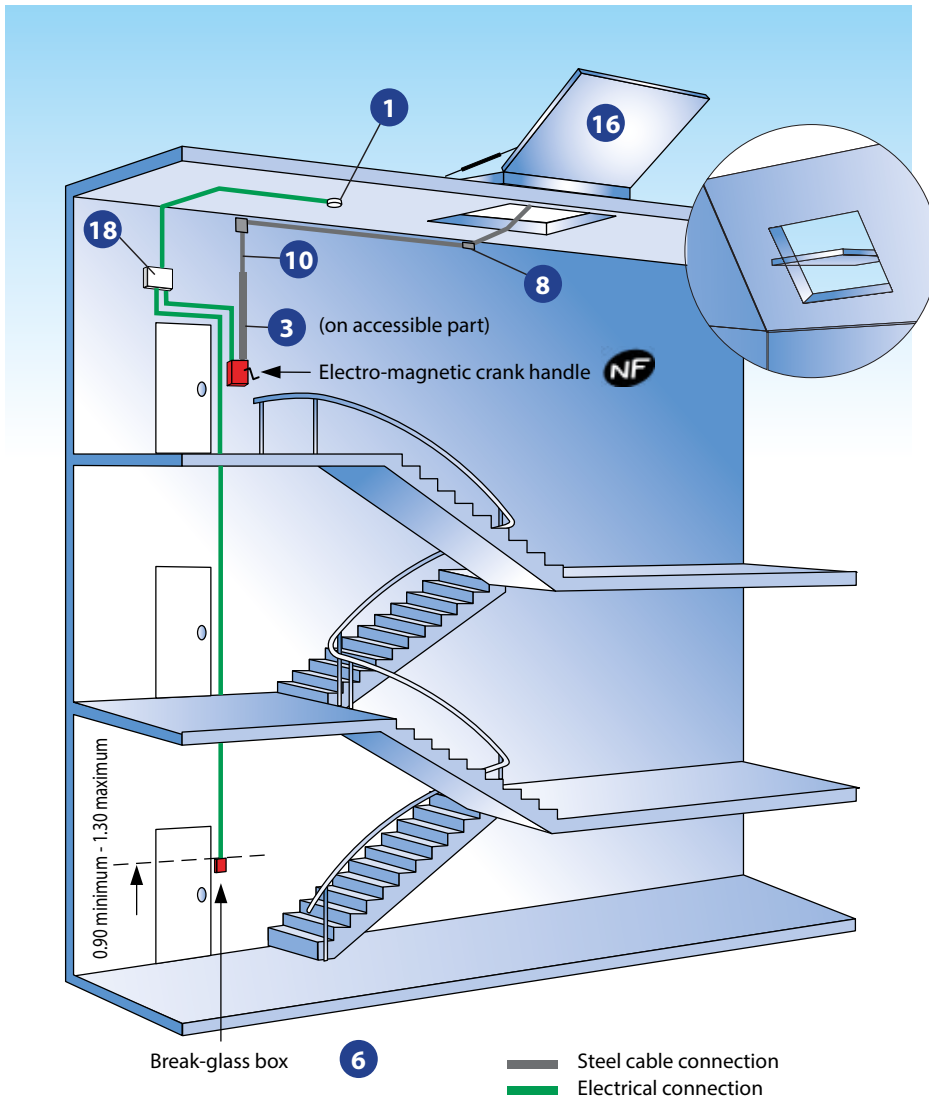


Contents of the electro-pneumatic triggering and smoke detection kit:

- 1 24-volt electro-pneumatic crank handle **NF** triggered by current break
- 15 m of cable **10**
- 1 cable clamp **16**
- 2 enclosed pulleys **8**
- 1 offset pulley **13**
- 2.5 m of protective cable sleeve for cable **3**
- 1 opening-only cabinet 60 g maximum **17**
- 3 CO₂ cartridges weighing 27 g **12**
- 25 m of copper pipe **20**
- 25 fixing clamps for copper pipe **19**
- 1 smoke detector **NF** with battery **18**
- 1 detection head **1**
- Bags of fasteners

— STAIRWELL USE: FAMILY 3A

XKT 1051 electro-magnetic kit



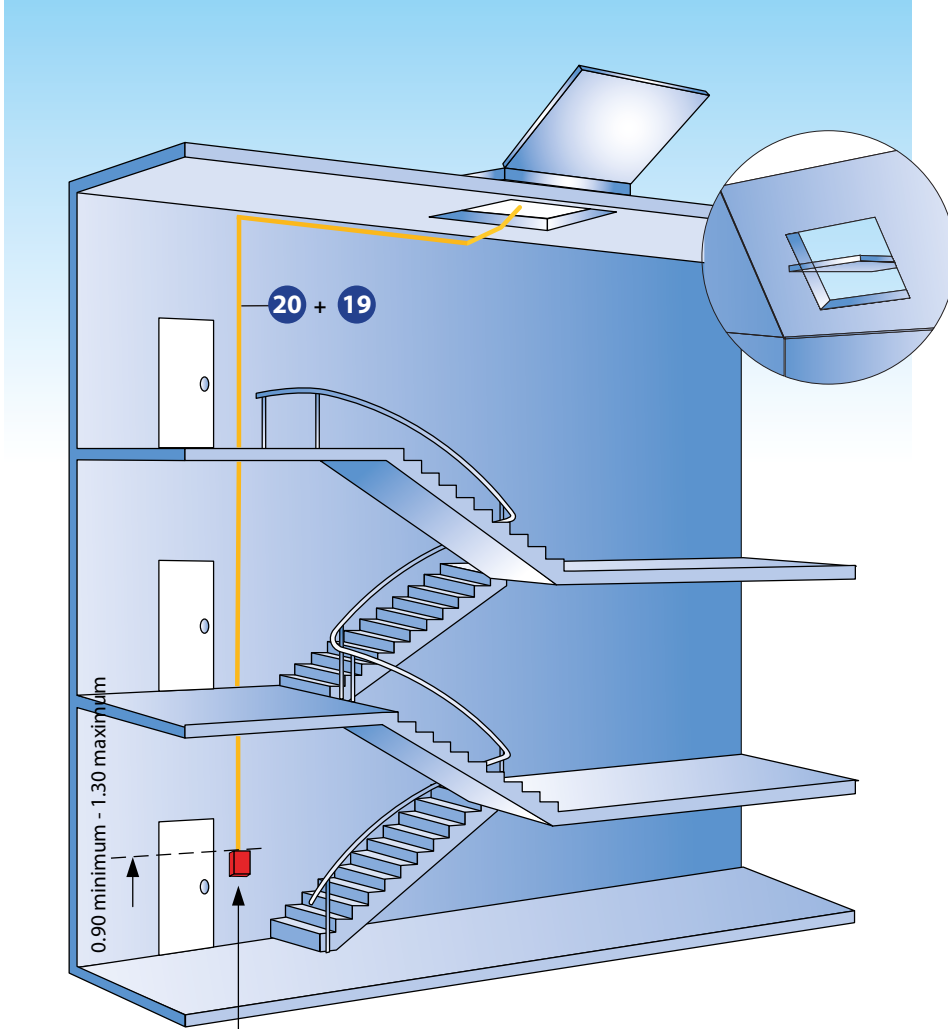
Contents of the electro-magnetic triggering and smoke detection kit

- 1 24-volt electro-magnetic crank handle **NF** triggered by current break
- 15 m of cable 10
- 1 cable clamp 16
- 2 enclosed pulleys 8
- 1 offset pulley 13
- 2.5 m of protective cable sleeve for cable 6
- 1 break-glass box 6
- 1 smoke detector **NF** with battery 18
- 1 detection head 1
- Bags of fasteners



STAIRWELL USE: FAMILY 2 AND 3

XKPN 110 pneumatic kit



Opening/closing cabinet 30 g to 100 g **20**
 + 6 CO₂ cartridges **22**

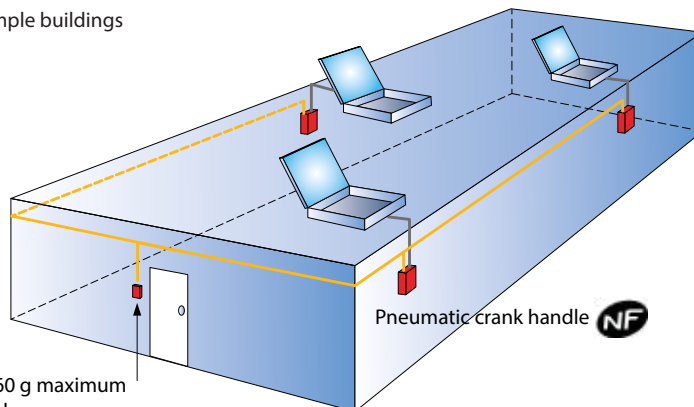


Contents of the pneumatic triggering kit:

- 1 opening/closing cabinet for 30 g to 100 g cartridge **21**
- 6 CO₂ cartridges weighing 100 g (15 x 125 head) **22**
- 2 x 25 m coils of 6 mm diameter copper pipe **20**
- 30 fixing clamps for 6 mm diameter copper pipe **19**

OTHER USES FOR OUR KITS

Example of the use of the XKT 102D kit for simple buildings



Opening-only cabinet 60 g maximum
 + 3 CO₂ cartridges

— ACCESSORIES AND MISCELLANEOUS EQUIPMENT

MECHANICAL

150 kg crank handle
Ref: XTN 100



Lever protection box
Ref: XAV 100



100 kg crank handle
Ref: XTC 100B



Crank handle protection box with spanner wrench lock
Ref: XAV 102



Protection box
Ref: XAV 100



Pulleys



Electric mushroom button protection box
Ref: XAV 100



PNEUMATIC

Pneumatic cabinet



Thermal fuses



Cartridges



Unions



Cartridges for thermal fuses



Copper



Quick purge



ELECTRIC

NF Central Detection Head
Ref: XE2208F



"Raise and lower" switch
Ref: XE2102



Rain and wind sensor
Ref: XP1913



CR1 electric cable
3 x 1.5 mm



Mushroom button box
Ref: XE2100



MISCELLANEOUS

PVC sleeves



— ELECTRIC CONTROL

ACD unit
Ref: XEC4503-TCOMP



12 V / 3.4 Ah battery
for ACD unit



Break-glass hammer for ACD





— INSTALLATION RULES (NFS 61-932)

§ 7.1 - ELECTRIC LINES

The remote control lines must be installed using cable designed for fixed ducts. Their conductors must have a cross-section greater than or equal to 1.5 mm² for rigid cables and 1 mm² for flexible cables. Lines for current emission remote control and control lines must be installed using either CR1 category cables (as defined by standard NFC 32-070) or C2 category cables (as defined by standard NF C 32-070) placed in protected technical cable troughs. Remote control lines operating by current break must be installed using at least category C2 cables (as defined in standard NFC 32-070).

§ 7.2 - PNEUMATIC CONNECTIONS

Pneumatic connections must be constructed entirely of copper or stainless steel. They must be guaranteed to withstand a test pressure three times greater than the operating pressure with a minimum of 90 bar. The connections must have metal-to-metal seals. They must be inaccessible at level 0 (as defined by standard NFS 61-931) and protected (by sleeves, ducts, etc.) against accidental mechanical impacts depending on how the premises are used. They must run inside frost-free premises or have effective frost protection.

§ 7.3 - WIRED CONNECTIONS

The remote control line between the control device outlet and the actuated safety device remote control input must not be longer than:

- 15 m if its route is entirely visible from the ground of this room.
- 8 m in other cases.

Returns must use sheaves. The maximum number of returns authorised per remote control line is 3 (the sheaves belonging to the actuated safety device are not included). The angle of the change of direction in relation to the cable route must be a maximum of 110°. The remote control line steel cable must be protected (by a rigid pipe, housing, etc.) in all sections accessible at access level 0 (as defined by standard NF S 61-931) and must be supported every 2 m along its horizontal path.