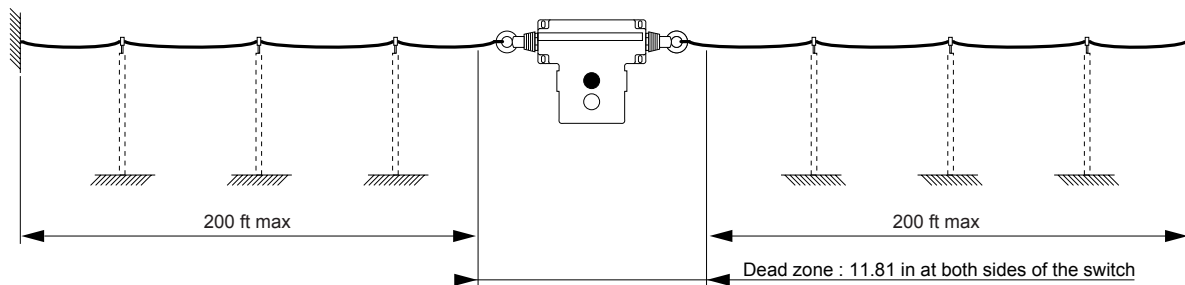




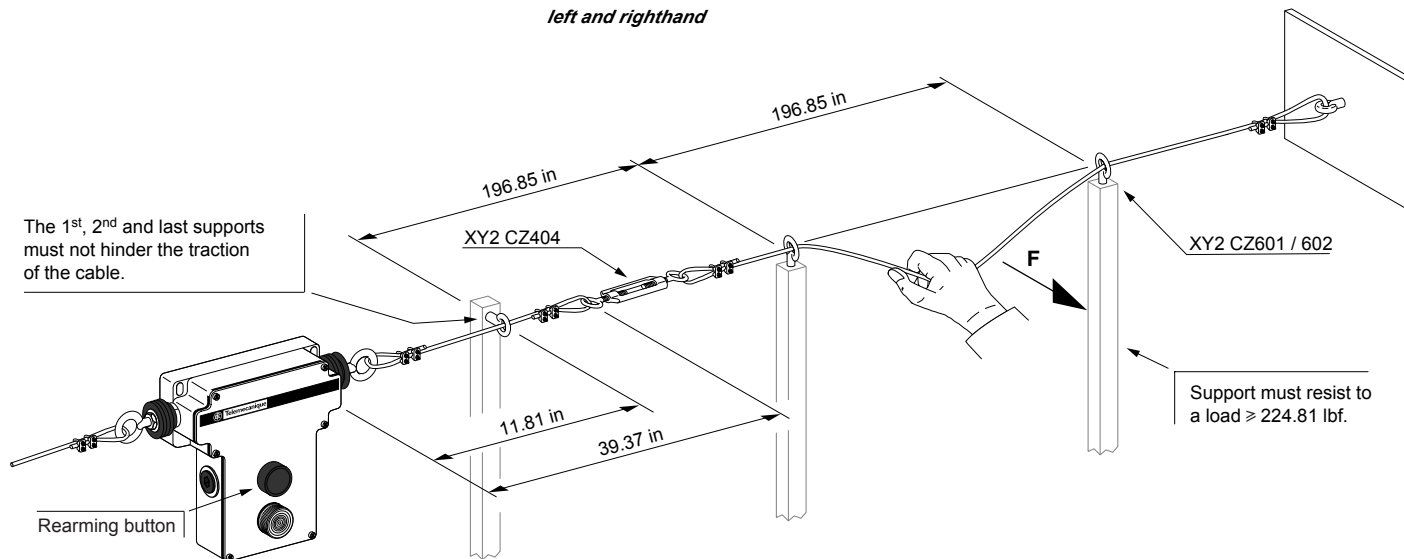
W 9 1 6 9 0 2 2 6 0 1 1 1 A 0 1

**XY2 CE1656258**



*left and righthand*

The 1<sup>st</sup>, 2<sup>nd</sup> and last supports must not hinder the traction of the cable.



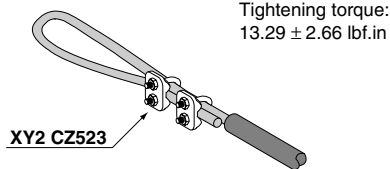


Fig. 1



Fig. 2 XY2 CZ404

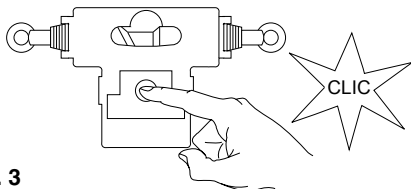


Fig. 3

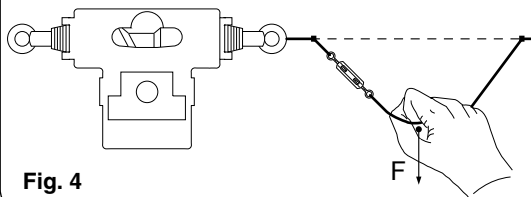


Fig. 4

## CONTROL SWITCH WITH CABLE ANCHORED ON THE LEFT AND RIGHT

### Description:

- Control switch with cable anchored on the left and right, for max. distances of twice 200 feet in a straight line, excluding the dead zone.
- This device allows the operator to stop a machine merely by pulling on the cable at any point in his work area, which opens an "NC" contact.



- The device is **only** triggered by **traction** and for this reason does not meet all requirements of IEC 60947-5-5.

- Fitted with a rearming button.
- Fitted with a contact status indicator light, dia. 1.18 in.

### Recommendations:

- Recommended cable: galvanized steel cable dia. 0.13 in with PVC sheath.
- Max. length: 200 feet on either side of the device.
- Sheath color: any but red or yellow
- Coefficient of expansion  $\leq 0.00071$  in / in for a 140 °F temperature difference
- Adjust the product at the average ambient temperature for use.

### Device installation:

- 1- Attach the device **solidly** on its rigid support, which must withstand a minimum force of 224.81 lbf. Mount the product on a flat surface.
  - 2- Operations to be performed on either side
    - 2.1- Strip the cable sheath along approximately 3.94 in, attach it with 2 U-bolts **XY2 CZ523** that must **grip the cable**, not the sheath. (Fig. 1).
    - 2.2- Mount the cable supports on the rigid elements (the supports guide the cable). Use supports **XY2 CZ601** or **XY2 CZ602**.
    - 2.3- Thread the cables progressively through the various cable supports used.
    - 2.4- Remove the cover.
    - 2.5- Use turnbuckles **XY2 CZ404** (Fig. 2) to obtain the required sag at rest. The triggering force **F** is less than 20 pounds at all points of the work area.
    - 2.6- Arm the device. (Fig. 3)
    - 2.7- Trigger, rearm, repeat the operation. (Fig. 4)
  - 3- Mount the cover.
- Device electrically connected on U-bolt screw-terminals.  
min. 1 x 20 AWG, max. 1 x 13 AWG or 2 x 16 AWG.

**Special case:** if the device is installed at an extreme ambient temperature, compensate for cable expansion through a greater sag.

