

PROJECTOR P.C. BOARD
TYPE TS 11

RECEIVER P.C. BOARD
TYPE RS11

SCREW UP FIXING

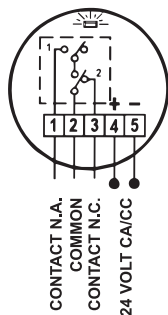
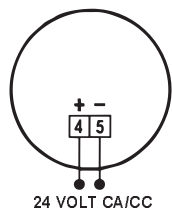
LED

ELECTRIC
CABLE
INLET

REFERENCE
TO IDENTIFY
THE PROJECTOR

PROJECTOR

RECEIVER



GB

DEVICE CONFORMING TO EN 12445, EN 12453
WITH TWO CHANGEOVER RELAYS

A safety device consisting of infrared modulated light photocells, 1500 Hz. Very reliable and long lasting, unaffected by the electrical and environmental conditions. It is made of highly resistant plastic materials to prevent deterioration, the nylon cover is reinforced with glass fiber, weather-proof and water-tight.

- Designed for broad beam projection and reception so that no strictly precise alignment is required, or re-setting after installation. All you need to do is to place the two units one opposite to the other, parallel, at the same height from ground level.
- If an obstacle interrupts the beam of light, the relay switch in the receiver is changed over and gives a pulse to the N.C. contact in the receiver. The operator stops instantaneously.
- Follow the enclosed diagram for the electrical connections. The LED on the receiver must be normally off (LED off = photocells in working order). Do simple tests to check the correct performance of the photocells: whenever an obstacle interposes between the projector and the receiver, and cuts the beam of light, the LED must switch on, and off when the obstacle is removed.

Should two pairs of the photocells be required, it is recommended to cross install them, ie. The receiver of one pair and the projector of the other pair are to be on the same side of the installation.

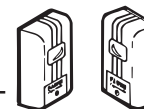
All the electrical components are top quality to produce extremely reliable units, which are also Guaranteed by long expertise consolidated over many years in the field of safety devices.

TECHNICAL SPECIFICATIONS

Supply Voltage	24 Vca/cc
Absorption of the Projector	55 mA
Absorption of the Receiver	35 mA
Working Temperature	-10°C +60°C
Capacity of the Relay	1A 125 Vca 60 VA max.
Infrared Modulated Light	1'500 Hz
Two Relays	Changeover
Distance Range	6 m
Obstacle Detection Time	6 ms
Insulation Standards	IP 55
Weight of one Pair TRIFO 11	85 g
Weight of the post w/c Base & Screws	64 g cad.
Weight of the complete Kit TRIFO 11	1,4 Kg
Dimensions	76x45x25 mm



EUROPEAN MARK CERTIFYING CONFORMITY
TO THE ESSENTIAL REQUIREMENTS OF
THE STANDARDS 98/37/CE



Trifo • 11



FADINI
the gate opener
Made in Italy



meccanica
FADINI

Drwg. N. 1863

TECHNICAL SPECIFICATION TABLE

MODULATED LIGHT PHOTOCELLS