



SERIES FEATURES



Class 3 product

Characteristics Hybrid photoelectric cells with adjustable lenses

Hybrid photoelectric cells with adjustable lenses

Power supply 12/24Vac-dc
Projector power supply 3V with a lithium battery
Maximum range 10m
Shielded lenses greater immunity to interference
Protection grade IP55

CDRX12 is a next generation infrared safety system, particularly suited to the protection of passageways (traffic and pedestrian) that are fitted with automatic opening and closing systems. The electronic circuit respects the most up to date standards and regulations and conforms to the standard 3 of the EN ISO 13849-1 (update of the EN954-1).

The necessity of guaranteeing greater ambient noise immunity has led to the evolution of both the transmitter and receiver cards. The system is based on the criteria "resistance to single failure" that guarantees the maintenance of safety in case of electrical problems.

The receiver should be installed close to the electronic programmer and wired up drawing its 12/24V power supply directly from the programmer while the projector can be installed on any surface and doesn't require wiring.

Power is supplied by a solar panel on bright days and by a 3V lithium battery in conditions of insufficient light. The duration of the battery can be optimised by using the energy saving function to set the cut in time and the installation operating distance.

Product features CDRX12

Pair of surface-mount photoelectric, range 10m.

The kit contains a pair of photoelectric cells with two pipe glands.

Infrared transmission by means of digital modulation of the carrier signal.

Reception via demodulation and decoding of the protocol allowing the transmitter to be identified.

Self locking adjustable lens which can be rotated horizontally through plus or minus 90° and vertically through plus or minus 30° with respect to the standard installation position.

Double relays on the receiver with digital control increase the security and safety level of the output part (the part that furnishes the at rest/alarm signal).

Jumper for selecting the output contact mode (potential free, N.C. or resistance 8,2kΩ contacts).

Differentiated signal LEDs on the receiver indicate the "correct function" status by flashing briefly (every minute) or the "alarm" status when they remain constantly lit.

Pre-amplified receiver lens.

Reinforced power supply allowing voltages up to 40Vdc or 28Vac.



> ULTIMATE CARDIN App

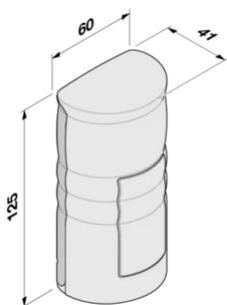
CDRX12 - INFRARED MODULATED BARRIERS

Pair of surface-mount photoelectric, range 10m.

GENERAL CHARACTERISTICS

Power supply	Vac/dc	12/24
Operating temperature range	°C	-20...+55
Protection grade	IP	55

OVERALL DIMENSIONS



> ULTIMATE CARDIN App