



Characteristics Photoelectric cells with adjustable lenses

Infrared barriers with adjustable lenses

Power supply 12/24Vac-dc

Range 15m - 60m

Sensitivity adjustment CDR851 - CDR852A

Shielded lenses - greater immunity to interference

Modulated infrared barrier consisting of a transmitter and a receiver.

It constitutes an efficient safety system for the protection of passageways or spaces which are equipped with automatic doors or gates.

A shockproof designer case, pleasing on the eye, encloses innovative technical solutions which make the system extremely reliable under all working conditions.

The vast range of available models meets all possible system requirements.

Technical description

Anti-tamper aluminium case IP66 CDR842A - CDR852A

Shockproof case IP55 CDR841 - CDR851

Self locking adjustable lens which can be rotated horizontally through plus or minus 90° ($\pm 45^\circ$ for the CDR841) and vertically through plus or minus 30° with respect to the standard installation position.

These adjustments permit lateral fitting and installations where the transmitter and receiver are at different heights.

Double-relay with serial exchange on the receivers as requested by the standards regarding protection against accidents for motorized gates and doors.

2 indicator LEDs

Red - indicating that the transmitter is receiving power.

Red - (photocells out of alignment or the beam is interrupted) in the receiver.

Test point (for fine tuning) on the receiver.

Sensitivity adjustment trimmer on models CDR851 - CDR852A.

Anti-tamper function on model CDR851T.

Delayed relay - 5s not adjustable on model CDR851R.

Product features CDR842A

Surface-mount photoelectric cells, range 15m

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

Photoelectric cells in an aluminium case IP66

Power supply 12/24Vac-dc

Protection grade IP66

Transmitter and receiver housed in a compact waterproof aluminium case. Highly resistant spray painting.

Command: double-relay with serial exchange.



> ULTIMATE CARDIN App

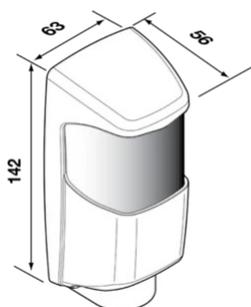
CDR842A - INFRARED MODULATED BARRIERS

Surface-mount photoelectric cells, range 15m

GENERAL CHARACTERISTICS

Power supply	Vac/dc	12/24
Operating temperature range	°C	-20...+55
Protection grade	IP	66

OVERALL DIMENSIONS



> ULTIMATE CARDIN App