



FIT SLIM PHOTOCELLS - Type D safety device

EN 12978 - EN 13849-1 PL "c" CAT2



ACG8032B FIT SLIM* (no/nc)
wall mounted
range 20 m
IP 54 - 12/24V ac/dc



ACG8029B TX SYNCRO**
for FIT SLIM
12/24V ac/dc

* FIT SLIM photocells have synchronism function in AC current and ranges of 20 m.

It is an EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.

** TX SYNCRO cards synchronise 2 to 4 pairs of FIT SLIM to avoid interference between each other. It works in AC and DC current.



ACG8065 PAIR OF COLUMNS
H = 0,5 m
for FIT SLIM ACG8032B



FIT SYNCRO PHOTOCELLS - Type D safety device

EN 12978 - EN 13849-1 PL "c" CAT2



ACG8026B FIT SYNCRO* (no/nc)
wall mounted
range 10 ÷ 20 m
IP 54 - 12/24V ac/dc



ACG8028 TX SYNCRO**
for FIT SYNCRO
12/24V ac/dc

* FIT SYNCRO photocells have synchronism function in AC current and 2 adjustable ranges of 10 and 20 m.

It is an EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.

** TX SYNCRO cards synchronise 2 to 4 pairs of FIT SYNCRO to avoid interference between each other. It works in AC and DC current.



ACG8057 PAIR OF COLUMNS
H = 0,5 m
for FIT SYNCRO ACG8026B



ACG8058 COLUMN H = 1 m
for ACG8026
1.000 x 100 x 40 mm
in painted aluminum



ACG8051 PAIR OF PLASTIC CONTAINERS
to embed
for FIT SYNCRO ACG8026

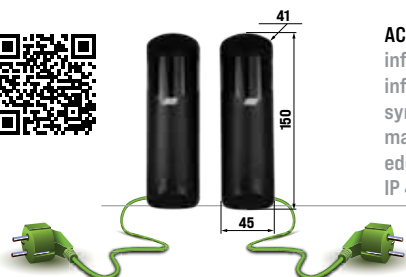


ACG8052 SUPPORT
for FIT SYNCRO
(for fitting on gate column as
installation outside column)



NOVA PHOTOCELLS - Type D safety device

EN 12978 - EN 13849-1 PL "c" CAT2



AC68046 NOVA (no/nc)
infrared signal range = 15÷40m
infrared signal adjustable 180°
synchronism up to 4 pairs
manages 2 no/nc 8.2KΩ safety
edges
IP 44 - 12/24V ac/dc



AC68047 NOVA WIRELESS (no/nc)
infrared signal range = 15÷30m
infrared signal adjustable 180°
synchronism up to 2 pairs
manages 2 no/nc 8.2KΩ safety
edges
IP 44 - 12/24V ac/dc
AA batteries not included

It is an EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.



AC68039 PAIR OF COLUMNS
H = 0,5 m
for NOVA



AC69519 BATTERIES AA
4 X 1,5V
with NOVA WIRELESS 3÷4 years of
batteries life



AC69509 BATTERIES LITHIO AA
2 X 1,5V
with NOVA WIRELESS 4÷5 years
of batteries life - for extreme
temperatures -40÷+60°C

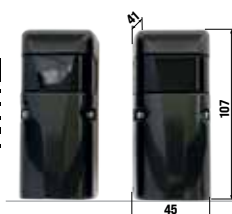
NOVA: Synchronized infrared signal up to 4 pairs of photocells.
NOVA WIRELESS: Synchronized infrared signal up to 2 pairs of photocells.

- The infrared signal of the photocell can be gradually adjusted both horizontally [-90° ÷ +90°] than vertically [-5° ÷ +5°].
- On NOVA and NOVA WIRELESS, the transmitter and the receiver are connectable to the contacts of mechanical or resistive safety strips with NC or NO contacts.
- A buzzer on the NOVA WIRELESS receiver signals when the batteries of the transmitter are almost discharged.
- Operating with batteries, the NOVA WIRELESS transmitter can be installed on the mobile part of a sliding gate and can be connected in combination with TOUCH safety strips to protect the opening and closing movement.



FIT METAL PHOTOCELLS - Type D safety device

EN 12978 - EN 13849-1 PL "c" CAT2



AC68009 FIT METAL (no/nc)
anti-vandals - wall mounted
range 15 m - infrared ray
adjustable 180°
IP 55 - 12/24V ac/dc

FIT METAL are anti-vandals photocells.
They are protected by a screen of metal and reinforced plastic, resisting well to strong shocks. They are ideal for applications in areas prone to vandalism.

It is an EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.



FIT SIX PHOTOCELLS - Type D safety device

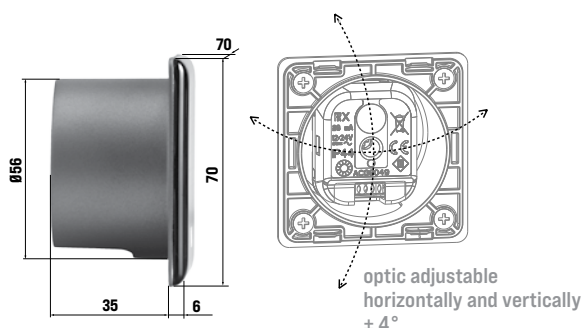
EN 12978 - EN 13849-2 PL "c" CAT2



AC68049 FIT SIX (no/nc)
embedded, thickness of 6 mm
range 20 m
IP 54 - 12/24V ac/dc



**AC68051 PAIR OF PLASTIC
CONTAINERS**
to embed
for FIT SIX AC68049



AC68302 PAIR OF COLUMNS
for FIT SIX photocells
508 x 120 x 100 mm
in anodized aluminum

It is an EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.



AC68303 COLUMN 1 FIT SIX + 1 S18
for FIT SIX photocells and S18 key
selector AC61054 at 0,5 and 1 m
1008 x 120 x 100 mm
in anodized aluminum



AC68305 COLUMN 2 FIT SIX
for 2 FIT SIX photocells at 0,5
and 1 m
932 x 120 x 100 mm
in anodized aluminum



AC68306 COLUMN 2 FIT SIX + 1 S18
for 2 FIT SIX photocells and S18
key selector AC61054 at 0,5 and 1
m - 1008 x 120 x 100 mm
in anodized aluminum

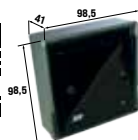


AC68301 BASE TO BE CEMENTED
for COLUMNS AC68302 - AC68303 -
AC68304 - AC68305 - AC68306

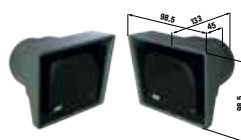


F97 PHOTOCELLS - Type D safety device

EN 12978 - EN 13849-1 PL" c" CAT2



ACG8020 F97P (no/nc)
wall-mounted
in aluminum
range 30 m
IP 54 - 12/24V ac/dc



ACG8011 F97I (no/nc)
embedded
in aluminum
range 80 m
IP 54 - 12/24V ac/dc



COLUMN
for F97P and F97I
ACG8040 H = 0,5 m
ACG8030 H = 1 m
ACG8031 H = 0,5+1 m

It is an EN 12978, EN 13849-1 PL" c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.



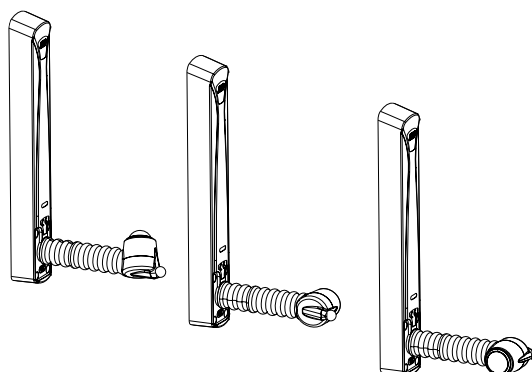
VERTIGO PHOTOCELLS - Type E safety device

EN 12978 - EN 13849-1 PL" c" CAT2



ACG8044 VERTIGO 8
12/24V ac/dc - for gates weighing
up to 300 Kg, moving up to 13m/
min - range 3 m
IP 55 - 30x208,5x101

ACG8045 VERTIGO 10
12/24V ac/dc - for gates weighing
up to 1.000 Kg, moving up to 13m/
min - range 3 m
IP 55 - 30x208,5x121



It is an EN 12978, EN 13849-1 PL" c" CAT.2 safety device if managed by a RIB control panel equipped with safeties self-test.

- Adjustable lens to 180° so the infrared beam can be positioned both vertically or horizontally.

- They can be used for swing and sliding gates.

- Suitable for swing gates that close on a downward ramp or that open against a side wall.

- It is a type E safety device according to the EN 12453:2017+A1:2021. It prevents impacts, then the impact tests that must be performed according to the norms are no longer needed.

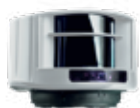


- Useful for sliding gates, both in opening and closing phases.

- It is a type E safety device according to the EN 12453:2017+A1:2021, it prevents impacts, then the impact tests that must be performed according to the norms are no longer needed.



LASER DETECTOR - Type E safety device - EN 12978 - EN 13849-1 PL "c" CAT2



ACG9493 LASERIB DETECTOR for safety - 5 m x 5 m



ACG9492 LASERIB DETECTOR for safety - 10 m x 10 m



ACG9490 MOUNTING BRACKET for LASERIB



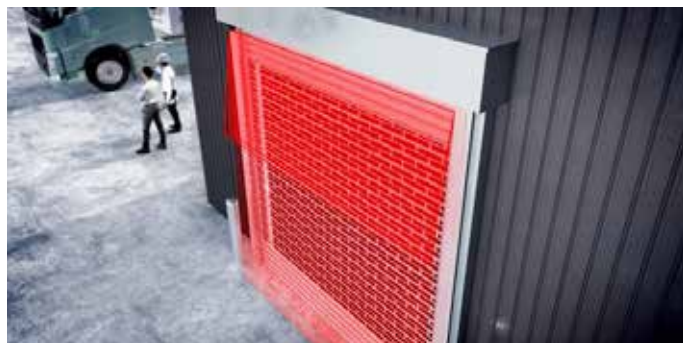
ACG9491 REMOTE CONTROL to adjust the safety LASERIB detector

LASERIB is a type E safety detector (EN 12453:2017+A1:2021) used to prevent contact with moving parts of rolling shutters, sectional doors and sliding gates. LASERIB offers optimal security at and around the door threshold. LASERIB is suitable for industrial environments and has a detection area of max. 9.9 x 9.9m.

LASERIB is equipped with one or two optional virtual buttons that can be used for intentional opening, thus offering a completely contactless and hygienic solution.

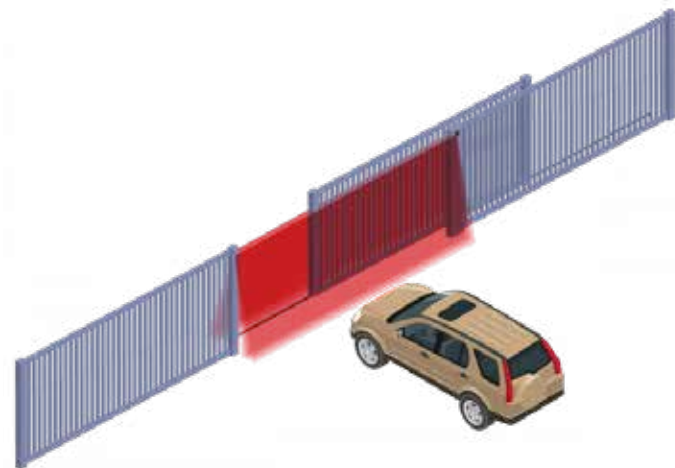
Maximum safety

Maximum safety of the door during opening and closing thanks to the 4 infrared ray curtains.



Optimized for industrial environments

IP65, 10 m cable, filters against deformation of the door caused by wind, door vibrations and environmental interference.



Virtual push buttons

Possibility of creating 2 virtual buttons to open the door.



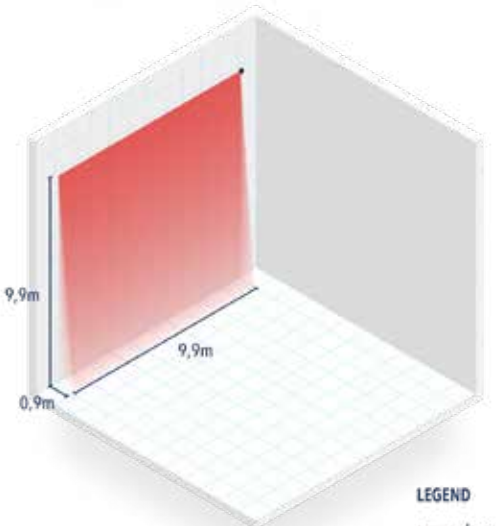
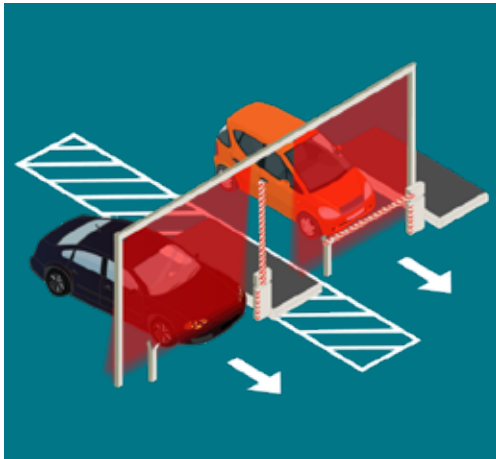
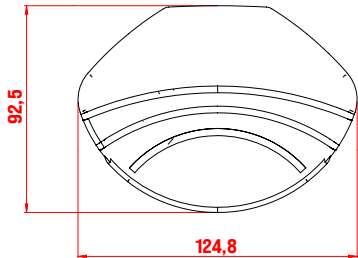
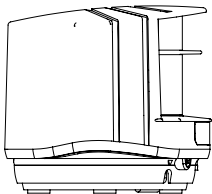
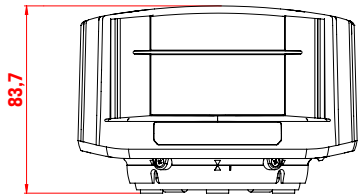
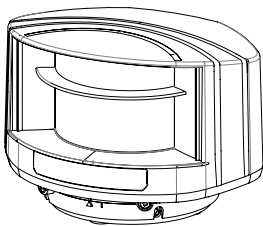
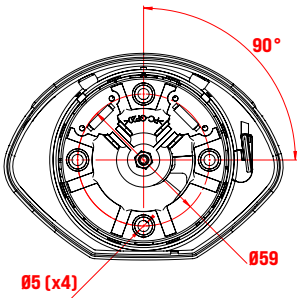
Alternative

It replaces current solutions such as contact edges, light beams and light grids.





TECHNICAL SPECIFICATIONS	
DETECTION MODE:	Presence (EN 12453:2017+A1:2021 Type E)
DETECTION INTERVAL MAX. AC69492:	9.9m × 9.9m
DETECTION INTERVAL MAX. AC69493:	5 m×5 m
TYPICAL DIMENSIONS OBJECT DETECTED:	2.1cm @ 3 m / 3.5cm @ 5 m / 7cm @ 10 m (relative to object distance)
TEST BODY:	700 mm × 300 mm × 200 mm (test body A according to EN 12453)
EMISSION CHARACTERISTICS:	
INFRARED LASER:	Wavelength 905 nm; output <0.10mW (CLASS 1)
VISIBLE RED LASER:	Wavelength 635 nm; output <1 mW (CLASS 2)
POWER SUPPLY:	10-35V dc @ sensor terminal
CONSUMPTION:	< 5W
RESPONSE TIME:	Typ. 20 ms; max. 80 ms
EXIT:	2 electronic relays (galvanized insulation - no polarity)
MAX. SWITCHING VOLTAGE:	35V dc / 24V AC
MAX CURRENT SWITCHABLE:	80mA (resistive)
LED INDICATORS:	1 blue LED: on status 1 orange LED: error status 2 bicolor LEDs: detection/output status
DIMENSIONS:	125 mm (W) × 93 mm (D) × 70 mm (H) (mounting bracket + 14 mm)
MATERIAL:	PC/ASA
COLOR:	Black White
ROTATION ANGLES ON BRACKET:	-5° to +5° (lockable)
ADJUSTMENT ANGLES ON BRACKET:	-3° to +3°
DEGREE OF PROTECTION:	IP65
TEMPERATURE RANGE:	-30 °C ÷ +60 °C under voltage
HUMIDITY:	0 ÷ 95 % without condensation





LASER DETECTOR - Type E safety device and opening command - EN 12978 - EN 13849-1 PL "c" CAT2



ACG9494 LASERIB DETECTOR for opening and safety - 10 m x 10 m



ACG9495 SUPPORT for LASERIB



ACG9490 MOUNTING BRACKET for LASERIB



ACG9491 REMOTE CONTROL to adjust LASERIB detector for opening and safety

Opening & safety detector for barriers and sliding gates

LASERIB offers a real alternative to magnetic loops: less time required for installation, detection of all types of vehicles and greater adaptability. LASERIB is used to open, protect and / or detect a presence. It offers great flexibility in defining the width and depth of the detection zones (max detection range of 9.9 m x 9.9 m).



Comfortable opening

Detection of any type of vehicle: cars, electric vehicles, vehicles made of composite materials, trucks with trailers ...

Vehicle trajectory detection: approaching or moving away.



Easy installation

Product installation without any impact on the surrounding environment.

A simple delimitation of the detection fields, independently of each other, by walking in front of the sensor.



Pedestrian & Parallel Traffic Filter

The barrier opens only when a vehicle is approaching.

Traffic and pedestrians parallel to the opening field are ignored.



Security of its users

The detector protects vehicles and people in the safety field from any contact with the bar (installation with reference point).



CONTROL AND SAFETY
ACCESSORIES



TECHNICAL SPECIFICATIONS	
DETECTION MODE:	movement and presence (EN 12453:2017+A1:2021 Type E)
MAX. DETECTION RANGE:	9.9m x 9.9m
EMISSION CHARACTERISTICS	
INFRARED LASER:	wavelength 905 nm; output power 0.10mW; Class 1
VISIBLE RED LASER:	wavelength 635 nm; output power 0.95 mW; Class 2
SUPPLY VOLTAGE:	10÷35 V dc
CONSUMPTION:	< 5W
PEAK CURRENT ON:	1.8A (max. 80ms @ 35V)
CABLE LENGTH:	5 m (standard), max.: 10 m
RESPONSE TIME	
MOTION DETECTION:	typ. 200ms (adjustable)
PRESENCE DETECTION:	typ. 20 ms; max. 80 ms
EXIT:	2 electronic relays (galvanized insulation - no polarity)
MAX. SWITCHING VOLTAGE:	35V dc / 24V AC
MAX CURRENT SWITCHABLE:	80mA (resistive)
SWITCHING TIME:	tON=5 ms; tOFF=5 ms
MAX. CONTACT VOLTAGE:	30 V dc (overvoltage protection)
LED SIGNAL:	1 blue LED: on 1 orange LED: error 2 bicolor LEDs: detection/output status (green: no detection; red: detection)
DIMENSIONS:	125 mm (D) × 93 mm (W) × 70 mm (H) (mounting bracket + 14 mm)
MATERIAL:	PC/ASA
COLOR:	black
BRACKET MOUNTING CORNERS:	-45° , 0° , 45°
ROTATION ANGLES ON BRACKET:	-5° ÷ +5° (to be set)
ADJUSTMENT ANGLES ON BRACKET:	-3° ÷ +3°
DEGREE OF PROTECTION:	IP65
TEMPERATURE RANGE:	-30°C ÷ +60°C under voltage; -10°C ÷ +60°C without voltage
HUMIDITY:	0 ÷ 95% non-condensing

