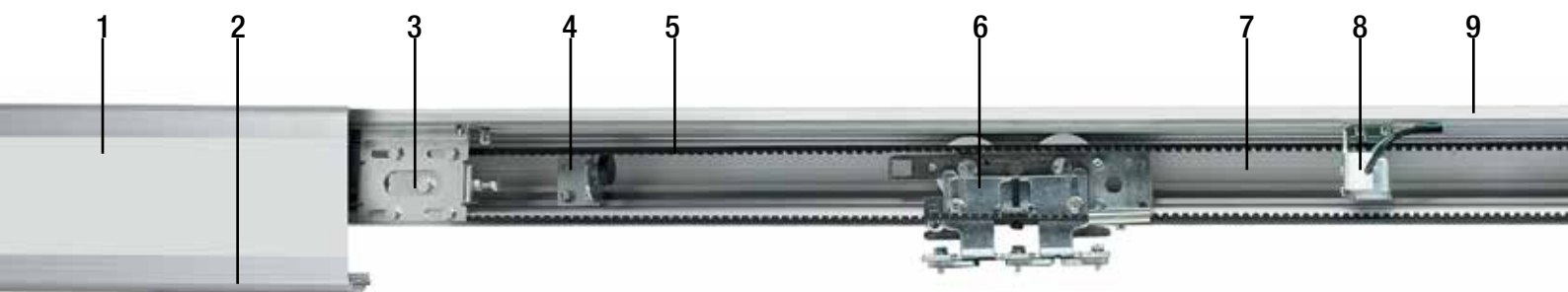


# SLIDER

AUTOMATIC DOOR



## THE ENERGY SAVING TECHNOLOGY OF SLIDER

SLIDER is the new automatic sliding door by RIB.

It allows an installation complying with the new norms EN 16005 and a conspicuous saving of energy for the end user (only 3W) when in stand-by, but also during the standard operation.

The exclusive Led bar on the door front cover embellishes the entrance with a touch of technology and elegance.



## ENERGY SAVING

SLIDER permits to connect double technology infrared-microwaves sensors able to recognize the walking direction so to avoid openings/closings in case of side passages thus avoiding temperature changes. In practical terms, the special sensor ACG9460 (page 96) recognize the lateral passages, e.g. people walking by on the street or to the side of the door, thus opening the door only when a person walks towards the door or stands in front of the door to enter.

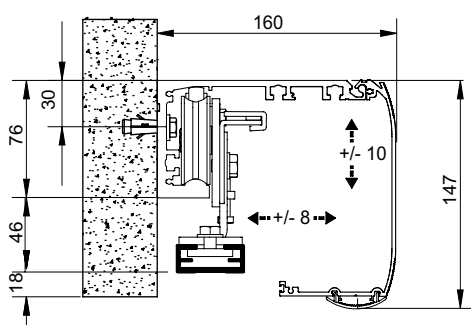
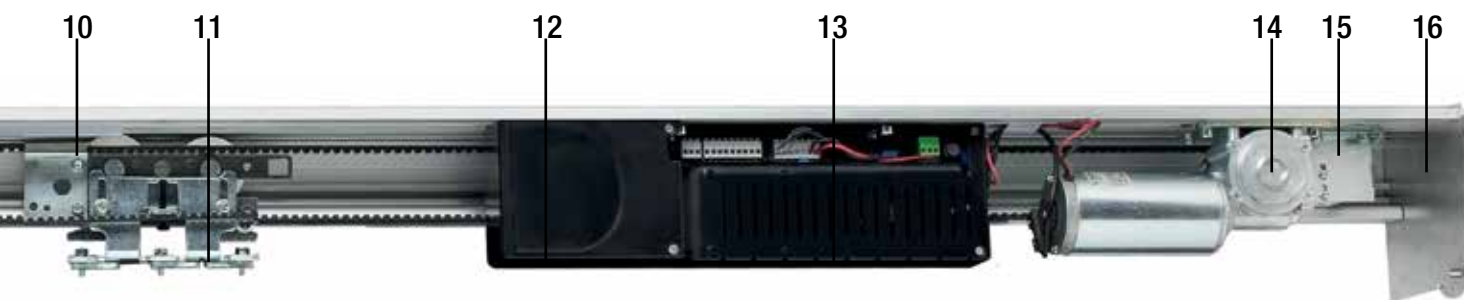
This sensor permits a huge energy saving by reducing the temperature changes inside the buildings.

## TECHNICAL DATA

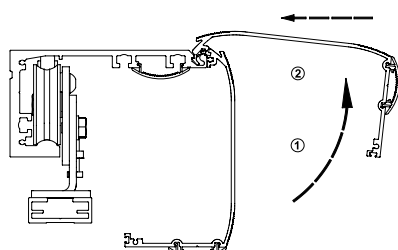
Modularity and compactness. An easy-to-install method that makes the installation procedure run incredibly smoothly.

Technical devices that allow a performing and user-friendly approach.

- Sliding carriages with anti-derailment device and several possible adjustments
- Tamper-proof locking screws
- Crankcase automatic lock in open position
- RGB led for night time lighting
- Reversible motor reducers and transmission units
- Electric card and battery slot in one single compartment
- Easy-to-access connection terminal blocks
- Visible leds to help safeties and opening commands checks.
- 115/230V 50/60 Hz power supply with switching full-range technology
- 3W - low-consumption standby power
- Selflearning of calibration and working parameters
- Built-in battery charger
- Synchronized management of low-power electromechanical lock
- Positioning encoder and obstacle detection.
- Permits to create a system conform to new norm EN 16005 adding EN 16005 - DIN 18650, EN 13849-1 CAT 2 and EN 12978 Certified Safety Devices.



Dimensions in mm



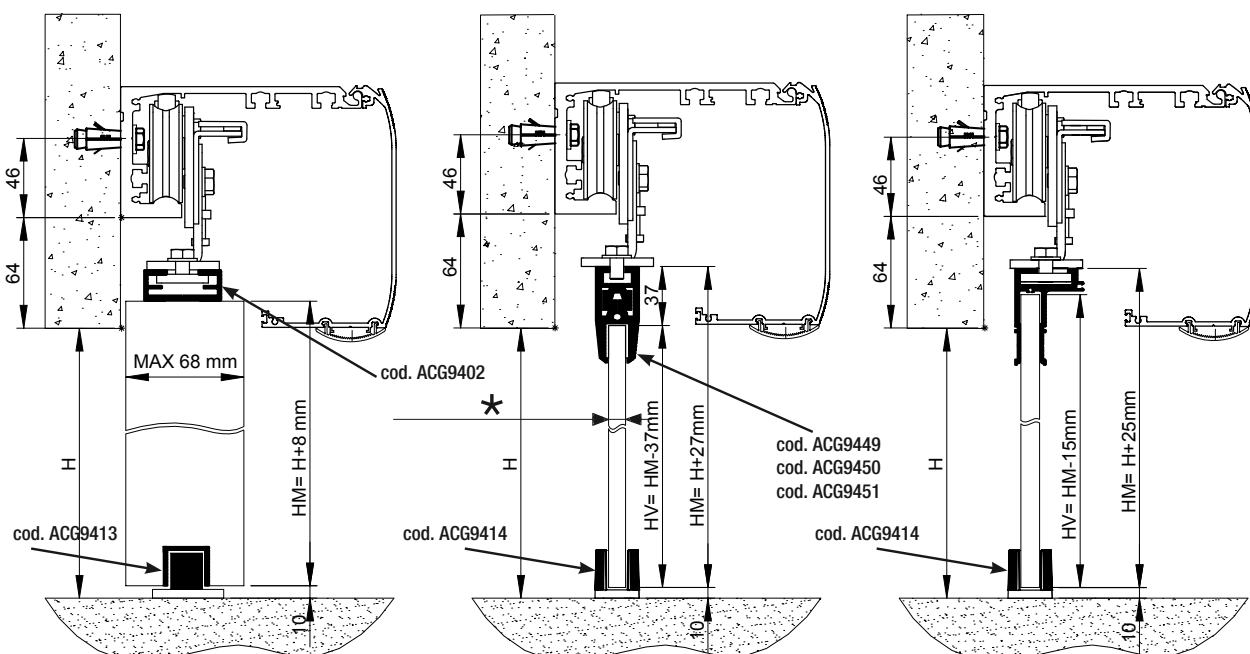
Cover opens easily to help installation job

1 Cover opening movement

2 Cover stopped open

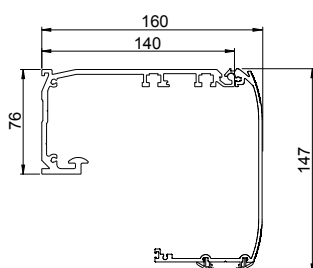
## PART IDENTIFICATION

- 01. anodized aluminium cover
- 02. led cover
- 03. reversible trasmission unit
- 04. stopper
- 05. belt
- 06. adjustable carriage
- 07. anodized aluminium guide
- 08. central electromechanical lock
- 09. cables connection space
- 10. belt's join
- 11. adjustable door's fitting
- 12. emergency battery
- 13. SLIDER electronic control unit
- 14. 24 Vdc motor with encoder
- 15. lateral electromechanical lock
- 16. side cover

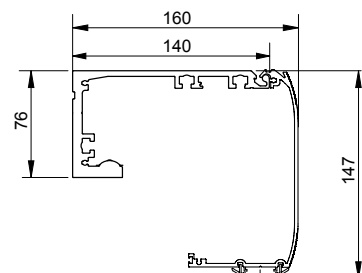


TECHNICAL DATA	SLIDER 120	SLIDER 160
Power supply	full range 115/230 Vac 50/60 Hz	
Absorption	3 W stand-by	
Max power	100 VA	200 VA
Accessories power	24 Vdc = 0,5 A max	
Max speed 1 sliding door	0,8 m/s	
Max speed 2 sliding doors	1,6 m/s	1,6 m/s (1,2 m/s max weight >90+90kg)
Max weight 1 sliding door	120 kg	160 kg
Max weight 2 sliding doors	80+80 kg	130+130 kg
Service	100%	
Operating temperature	-20°C / +55°C (battery: -10°C / +50°C)	
Protection degree	IP20	

**SLIDER 120**



**SLIDER 160**



## OPERATOR SELECTION CHART ON THE BASIS OF THE WIDTH OF THE OPENING OF THE ENTRANCE

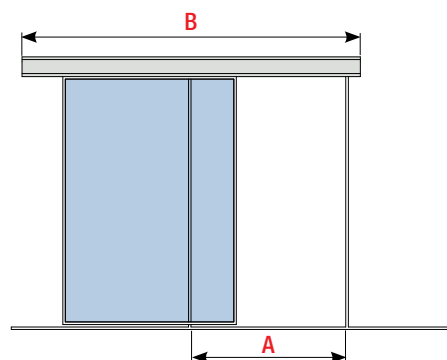
- A room clearance  
B total length automation

### SLIDER 120 1 SLIDING DOOR 120 KG

	AA90010	AA90012	AA90014	AA90016	AA90018	AA90020	AA90022
A	900	1000	1200	1400	1600	1800	2000
B	1900	2100	2500	2900	3300	3700	4200

### SLIDER 160 1 SLIDING DOOR 160 KG

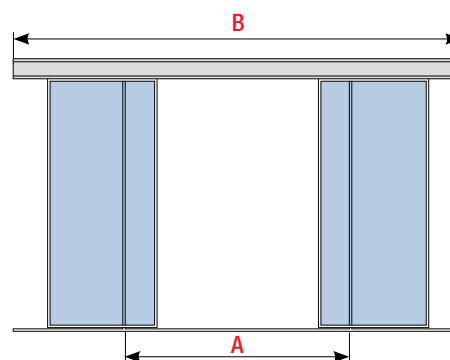
	AA90024	AA90026	AA90028	AA90030	AA90032	AA90034	AA90036
A	900	1000	1200	1400	1600	1800	2000
B	1900	2100	2500	2900	3300	3700	4200



- A room clearance  
B total length automation

### SLIDER 120 2 SLIDING DOORS 80+80 KG

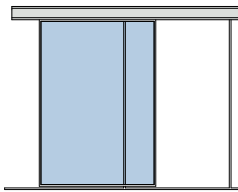
	AA90011	AA90013	AA90015	AA90017	AA90019	AA90021	AA90023
A	450+450	500+500	600+600	700+700	800+800	900+900	1000+1000
B	1900	2100	2500	2900	3300	3700	4200



### SLIDER 160 2 SLIDING DOORS 130+130 KG

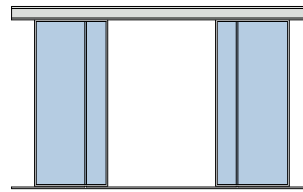
	AA90025	AA90027	AA90029	AA90031	AA90033	AA90035	AA90037	AA90039	AA90041	AA90043	AA90045
A	450+450	500+500	600+600	700+700	800+800	900+900	1025+1025	1150+1150	1275+1275	1400+1400	1525+1525
B	1900	2100	2500	2900	3300	3700	4200	4700	5200	5700	6200

## SLIDER 120 COMPLETE SLIDING DOORS



### SLIDER 120 1 door complete

AA90010 L 1900 mm	1.650 €
AA90012 L 2100 mm	1.680 €
AA90014 L 2500 mm	1.740 €
AA90016 L 2900 mm	1.800 €
AA90018 L 3300 mm	1.860 €
AA90020 L 3700 mm	1.920 €
AA90022 L 4200 mm	1.995 €



### SLIDER 120 2 doors complete

AA90011 L 1900 mm	1.850 €
AA90013 L 2100 mm	1.880 €
AA90015 L 2500 mm	1.940 €
AA90017 L 2900 mm	2.000 €
AA90019 L 3300 mm	2.060 €
AA90021 L 3700 mm	2.120 €
AA90023 L 4200 mm	2.195 €

Contains:	Pieces n.
Guide SLIDER 120 ACG9404	Cut to measure
Cover ACG9401	Cut to measure
Complete motor 24V	1
2 wheels trolley complete of belt fittings	2 (if 1 door) / 4 (if 2 doors)
Generic door attachment ACG9402	1 (if 1 door) / 2 (if 2 doors)
Belt tightener	1
Stopper	2
Cover for leds ACG9415	Cut to measure
Side covers	2 (LT+RT)
Belt ACG9439	Cut to measure
Manuals	1
Cables supports	1 every 50cm.
SLIDER 120 control board	1

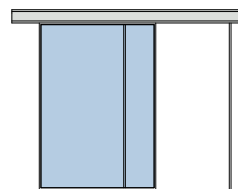
### Example of standard configuration:

AA90010	SLIDER 120 1 door complete L 1900 mm	1.650 €
ACG9420	Internal microwave radar	212 €
ACG9420	External microwave radar	212 €
ACG9426	Day/night switch	81 €
	<b>TOTAL</b>	<b>2.155 €</b>

### Example of EN 16005 configuration:

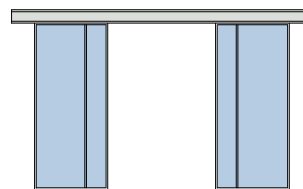
AA90010	SLIDER 120 1 door complete L 1900 mm	1.650 €
ACG9460	Internal EN radar	499 €
ACG9460	External EN radar	499 €
ACG9426	Day/night switch	81 €
	<b>TOTAL</b>	<b>2.729 €</b>

## SLIDER 160 COMPLETE SLIDING DOORS



### SLIDER 160 1 door complete

AA90024 L 1900 mm	2.130 €
AA90026 L 2100 mm	2.160 €
AA90028 L 2500 mm	2.220 €
AA90030 L 2900 mm	2.280 €
AA90032 L 3300 mm	2.340 €
AA90034 L 3700 mm	2.400 €
AA90036 L 4200 mm	2.475 €



### SLIDER 160 2 doors complete

AA90025 L 1900 mm	2.330 €
AA90027 L 2100 mm	2.360 €
AA90029 L 2500 mm	2.420 €
AA90031 L 2900 mm	2.480 €
AA90033 L 3300 mm	2.540 €
AA90035 L 3700 mm	2.600 €
AA90037 L 4200 mm	2.675 €
AA90039 L 4700 mm	2.740 €
AA90041 L 5200 mm	2.815 €
AA90043 L 5700 mm	2.890 €
AA90045 L 6200 mm	2.965 €

Contains:	Pieces n.
Guide SLIDER 160 ACG9400	Cut to measure
Cover ACG9401	Cut to measure
Complete motor 24V	1
2 wheels trolley complete of belt fittings	2 (if 1 door) / 4 (if 2 doors)
Generic door attachment ACG9402	1 (if 1 door) / 2 (if 2 doors)
Belt tightener	1
Stopper	2
Cover for leds ACG9415	Cut to measure
Side covers	2 (DX+SX)
Belt ACG9439	Cut to measure
Manuals	1
Cables supports	1 every 50cm.
SLIDER 160 control board	1

### Example of standard configuration:

AA90024	SLIDER 160 1 door complete L 1900 mm	2.130 €
ACG9420	Internal microwave radar	212 €
ACG9420	External microwave radar	212 €
ACG9426	Day/night switch	81 €
	<b>TOTAL</b>	<b>2.635 €</b>

### Example of EN 16005 configuration:

AA90024	SLIDER 120 1 door complete L 1900 mm	2.130 €
ACG9460	Internal EN radar	499 €
ACG9460	External EN radar	499 €
ACG9426	Day/night switch	81 €
	<b>TOTAL</b>	<b>3.209 €</b>

## AUTOMATIC DOOR KIT



AD90010 KIT SLIDER 120 1 DOOR

1.280 €



AD90011 KIT SLIDER 120 2 DOORS

1.490 €

### KIT SLIDER 120 1 DOOR

Contains:	Pieces n.
24V operator with encoder	1
2 wheels trolley complete of belt fittings	2
Belt tightener	1
Stopper	2
Side covers	2 (RT+LT)
Manuals	1
Cables supports	10
Control board SLIDER 120	1
Bag of screws	1

### KIT SLIDER 120 2 DOORS

Contains:	Pieces n.
24V operator with encoder	1
2 wheels trolley complete of belt fittings	4
Belt tightener	1
Stopper	2
Side covers	2 (RT+LT)
Manuals	1
Cables supports	10
Control board SLIDER 120	1
Bag of screws	1



AD90012 KIT SLIDER 160 1 DOOR

1.520 €



AD90013 KIT SLIDER 160 2 DOORS

1.730 €

### KIT SLIDER 160 1 DOOR

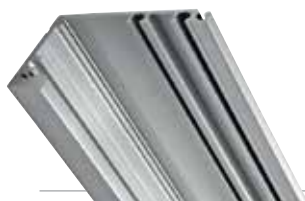
Contains:	Pieces n.
24V operator with encoder	1
2 wheels trolley complete of belt fittings	2
Belt tightener	1
Stopper	2
Side covers	2 (RT+LT)
Manuals	1
Cables supports	10
Control board SLIDER 160	1
Bag of screws	1

### KIT SLIDER 160 2 DOORS

Contains:	Pieces n.
24V operator with encoder	1
2 wheels trolley complete of belt fittings	4
Belt tightener	1
Stopper	2
Side covers	2 (RT+LT)
Manuals	1
Cables supports	10
Control board SLIDER 160	1
Bag of screws	1

GAR0066	Warranty extension 4 years for SLIDER 120	160 €
GAR0067	Warranty extension 7 years for SLIDER 120	290 €

GAR0068	Warranty extension 4 years for SLIDER 160	190 €
GAR0069	Warranty extension 7 years for SLIDER 160	320 €



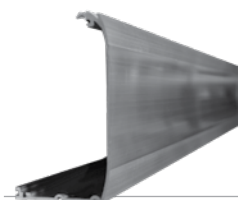
**ACG9400 SLIDER 160 GUIDE**  
anodized aluminum

each m 138 €



**ACG9404 SLIDER 120 GUIDE**  
anodized aluminum

each m 78 €



**ACG9401 Cover**  
anodized aluminum

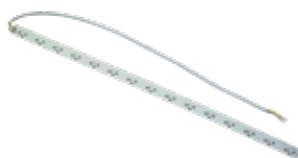
each m 36 €



**ACG9461 Cover fittings**  
To apply instead of side covers to  
block cover in position

19 €

## LEDS BAR



**RGB Leds Bar (non connectable  
between themselves)**  
ACG9442 L. 600 mm 139 €  
ACG9443 L. 1200 mm 275 €  
ACG9444 L. 1800 mm 411 €



**ACG9415 Transparent leds' cover**

each m 12 €

## ATTACHMENTS AND GUIDES



**ACG9402 Generic door attachment**  
1 for each door  
L door+10cm

each m 33 €



**ACG9413 Support for floor guide**  
1 for each door

28 €



**ACG9403 Floor guide**  
1 for each door  
L door+10cm

each m 32 €



**ACG9439 TRANSMISSION BELT**

each m 17 €

## BELT

## KIT CRYSTAL DOOR ATTACHMENTS



**KIT GLASS DOOR ATTACHMENTS**  
for tempered glass with thickness  
max 10 mm and weight 80Kg.  
To connect to top side of door  
ACG9449 L 1000 mm 342 €  
ACG9450 L 1500 mm 512 €  
ACG9451 L 2000 mm 682 €



**ACG9414 Floor guide**  
for tempered glass door with  
thickness max 10 mm

23 €

## ANTI-PANIC PROFILES



Top anti-panic profile

ACG9405 L = 1 m	79 €
ACG9406 L = 1,5 m	116 €
ACG9407 L = 2 m	153 €
ACG9408 L = 4 m	301 €



Lower anti-panic profile

ACG9409 L = 1 m	15 €
ACG9410 L = 1,5 m	23 €
ACG9411 L = 2 m	31 €
ACG9412 L = 4 m	63 €

## ANTI-PANIC KIT



ACG9452 Anti-panic Kit

394 €



ACG9453 Anti-panic Kit with photobeams

509 €

## KIT ELECTRIC LOCK



ACG9454 KIT ELECTRIC LOCK  
central - internal use  
It blocks doors  
Cutting belt, door remains blocked

164 €



ACG9462 RELEASE CABLE FOR  
STRONG BOX  
to connect strong box to electric  
lock

18 €



ACJ9071 STRONG-BOX FLAT  
wall mounted (special lock) IP 54  
with 1 rocker switch and  
electric lock release  
128x150x42

75 €



ACJ9078 STRONG-BOX STONE  
to embed (special lock) IP 54  
with 1 rocker switch and  
electric lock release  
142x106x80

73 €





## BATTERIES



**ACG9456 Cables set for SLIDER**  
with protection fuse

14 €



**ACG9511 BATTERY**  
1,2Ah 12V (order 2 pieces for each  
ACG9456)

24 €

## DAY/NIGHT KEY SWITCH



**ACG9426 Day/Night key switch**  
wall-mounted/embedded  
IP 54  
80x90x37

81 €



## MULTIFUNCTION ROTARY SWITCH



**ACG9429 Rotary switch**  
wall-mounted/embedded  
IP 54  
80x90x37

122 €

## RADIO MULTIFUNCTION ROTARY SWITCH



**ACG9430 Radio rotary switch**  
wall-mounted/embedded  
IP 54  
80x90x37

174 €



**ACG9446 Radio receiver for radio  
rotary switch**  
with low battery acoustic signal

97 €

## LCD PROGRAMMER/MULTIFUNCTION SWITCH



**ACG9419 LCD PROGRAMMER**  
wall-mounted/embedded -  
80x90x37 - IP30 - It activates  
safety accessories self-test as  
requested by EN 16005

126 €



## RADAR FOR COMMAND AND SAFETY



EN 16005 - DIN 18650  
EN 12978  
EN 13849-1:2008  
PL "c" CAT.2



**ACG9460 Active Infrared with background analysis + microwaves RADAR - for standard sliding doors** - Unidirectional detection - IP 54 - Plug and play - pre-adjusted in factory - With cable 2,5 m long - Max. fitting height 3,5 m - -25 ÷ +55°C

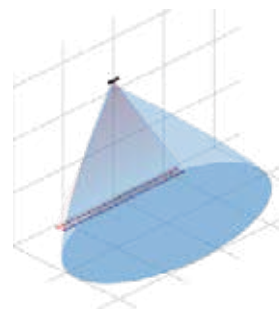
499 €



- Opening and presence detection for pedestrian and vehicles
- Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss from the building and saves energy.
- Safety thanks to a double infrared curtains in front of the door
- Comfort and protection for both pedestrians and vehicles
- Ideal solution for doors up to 3,5 m

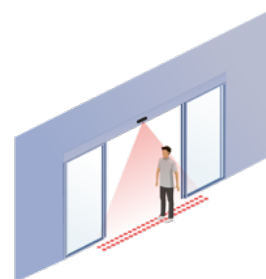
Microwave technology: motion detection

- Technology adapted for industrial environments
- Area detection of 4 m × 2 m (at a 2,2 m mounting height)
- Immunity against rain and snow
- "Unidirectional" movement for opening: The door opens if a person walks towards it. The door does not open if a person is walking by from one side of the door to the other ( e.g. like pedestrians passing by on the street).

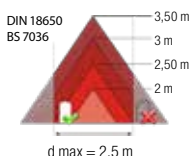


Infrared technology: presence detection

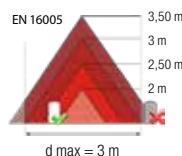
- 48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.
- A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.
- Door remains open when a vehicle or person is standing still in the detection field
- Area detection of 2,2 m × 0,5 m (at a 2,2 m mounting height)
- Intuitive configuration thanks to an LCD screen with choice of language.
- 10 adjustment options for the IR curtains.
- Lateral orientation from -15° to +15° for the radar antenna.
- 4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.
- Adjustment of presence detection time



Mounting height	Detection width
2,00 m	2,00 m
2,20 m	2,20 m
2,50 m	2,50 m
3,00 m	d max
3,50 m	d max

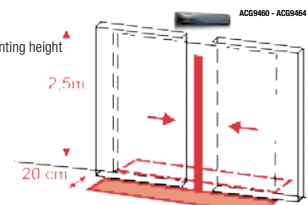


d max = 2,5 m



d max = 3 m

The size of the detection field varies according to the mounting height and the settings of the sensor.  
The full door width must be covered.



EN 16005 - DIN 18650  
EN 12978  
EN 13849-1:2008  
PL "d" CAT.3



**ACG9464 Active Infrared with background analysis + microwaves RADAR - for emergency doors and standard doors.**

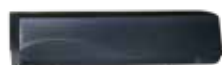
3-in-1 product with choice of 3 types of exit (voltage/frequency/relay) emergency doors.

539 €



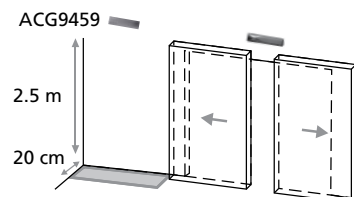
## RADAR FOR SAFETY

EN 16005 - DIN 18650  
EN 12978  
EN 13849-1:2008  
PL "c" CAT.2



**ACG9459 ACTIVE INFRARED RADAR** - to protect side area of the door in case it opens against a wall - IP 54 - Plug and play - With cable 2,5 m long - Max. fitting height 3,5 m - -25 ÷ +55°C

364 €



- Active infrared with background analysis and self-monitoring
- Safe thanks to double 3D-infrared-curtains
- Intuitive configuration thanks to an LCD screen with choice of language
- 4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.
- Active infrared with analysis of the background
- 48 high-density, infrared spotlights from 2 curtains protect users from any contact with the doors.

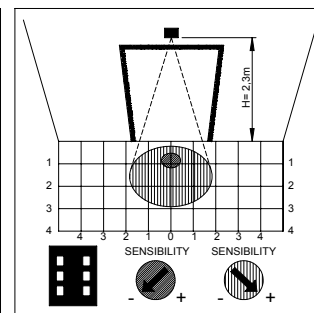
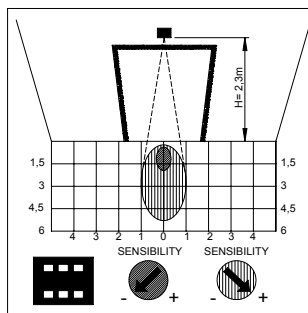
- A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.
- Infrared detection area 2,2 m × 0,5 m @ 2,2 m
- 10 possible widths of IR curtains, for optimum coverage of the door opening.
- Higher confort and protection for pedestrians and vehicles

## RADAR FOR COMMAND



**ACG9420 MICROWAVE RADAR**  
Wall mounted articulated fixing.  
24.050 - 24.250 GHz  
IP30 - 80x90x37  
H max 2,3m

212 €



## PHOTOBEAMS



**ACG9441 Pair of photobeams**  
7 m range - with cable  
SLIDER can manage directly 1 pair  
of photobeams

122 €



**ACG9440 Card to manage 2 pairs  
of photobeams 7 mt range**

43 €

## PROXIMITY READER



**ACG9417 RFID reader**  
wall mounted  
IP 54  
80x90x37

116 €



**ACG9438 DECODER CARD**  
for RFID READER  
It manages 125 RFID transponders  
Only for the control board of  
SLIDER

65 €



**ACG9457 Card**  
with RFID transponder  
(10 pieces)

93 €



**ACG9458 Keyring**  
with RFID transponder  
(10 pieces)

173 €

## KEYPADS



**ACG9435D KEYPAD**  
wall mounted  
backlight buttons  
IP 54 - 80x90x37

114 €



**ACG9447D CARD to manage  
KEYPAD** through cable 1CH - 60  
codes - 4 digits  
Only for the control board of  
SLIDER

68 €



**ACG9436 RADIO KEYPAD**  
wall mounted  
backlight buttons  
2 channels  
IP 54 - 80x90x37

139 €



**ACG9448 CARD to manage RADIO  
KEYPAD and SUN remotes**  
1CH 433MHz - 60 codes - 4 digits  
- Only for the control board of  
SLIDER

86 €