

OPTION FOR HIGH-SPEED ROLL-UP DOOR

Sensors

Infrared sensor OA-203C *

External dimension: W221×H63×D29.9mm
 Mountable height (from FL): 2 ~3.5m
 Static detection : 2 · 15 ·
 Power supply : AC/DC12~30V
 Mountable model :
 RB-1,RB-1Ta,RB-2s,RB-3s,RB-4Z



For a small-size opening, that allows people or trolleys to pass through

Infrared sensor OA4700S

External dimension : W267×H62×D45mm
 Mountable height (from FL) : 2.5 ~4.7m
 Static detection : 2 ·
 Power supply : AC/DC12~24V
 Mountable model : RB-1,RB-1Ta,RB-2s,RB-3s,RB-4Z
 Remarks : Rainproof cover available (sold separately)



For a small- to medium-size opening, with high-intensity radiation area

Infrared sensor SHA-4701

External dimension : W265×H61×D37.5mm
 Mountable height (from FL) : 2.0~4.7m
 Static detection : [1 · 2 · 3 Row] 2 · 15 · 60 sec
 / Infinity [4 · 5 Row] 2 · 15 sec
 Power supply : AC / DC12~24V
 Mountable model : RB-1,RB-1Ta,RB-2s,RB-3s,RB-4Z
 Remarks : Rainproof cover available (sold separately)



For a small- to medium-size opening, with high-intensity radiation area

Infrared sensor SHA-6501

External dimension : W321×H102×D91mm
 Mountable height (from FL) : 2.0~6.5m
 Static detection : 2 · 30 · 180 sec/Infinity
 Power supply : AC / DC12~24V
 Mountable model : RB-1,RB-1Ta,
 RB-2s,RB-3s,RB-4Z
 Remarks : Direction detecting function, traverse cancel function,
 rainproof construction, (separately sold), remote control



For a small- to medium-size opening, with a wider infrared radiation area

FALCON/FALCON XL

External dimension : W103×H97×D160mm
 Mountable height (from FL) : 2~3.5m(FALCON XL),
 3.5~7m(FALCON)
 Static detection : —
 Power supply : AC / DC12~24V
 Mountable model : RB-1,RB-1Ta,RB-2s,RB-3s,RB-4Z(FALCON XL),
 RB-2s,RB-3s,RB-4Z(FALCON)



For a small to large-size opening, .possible to detect the trolley only

Infrared sensor SHA-3200

External dimension : W210×H59×D28.5mm
 Mountable height (from FL) : 2~3.2m
 Static detection : 2 · 10 · 60 sec / Infinity
 Power supply : AC / DC24V
 Mountable model:
 RB-1,RB-1Ta,RB-2s,RB-3s,RB-4Z



It is mostly recommended for compact entrances where people or trolleys pass

Switches

	Wireless remote control (1-key type / 3-key type)	String switch	String switch (for RA-2Es)	Single pushbutton	Explosion-proof single pushbutton	Touchless sensor
Type	Receiver : RX13-1143 Transmitter : TX16-1111	—	—	WBSSTT221ON	SJW4200	Panel switch with built-in touchless sensor
External dimension	W35×H60×D12.8 (Transmitter)	W140×H154×D33 (main body portion)	W140×H154×D33 (main body portion)	W60×H98×D47.5	W82×H134×D81	W70×H140×D40 (Panel switch)
Power supply	DC12 ~24V	—	—	—	—	DC6 ~27V
Power consumption	Below 2.4 W	—	—	—	—	Below 0.25 W
Mountable model	RB-1,RB-1Ta, RB-2s,RB-3s,RB-4Z	RB-1,RB-1Ta, RB-2s,RB-3s,RB-4Z	RA-2Es	RB-1,RB-1Ta, RB-2s,RB-3s,RB-4Z	RA-2Es	RB-1,RB-1Ta, RB-2s,RB-3s,RB-4Z
Remarks	Possible to use 100 transmitter units in each group, maximum 200 units for one receiver.	—	—	Explosion-proof & jet-proof IP65	Explosion-proof grade d2G4	Built-in to a panel switch made by our company

Other options



• Guard pole
 It prevents a contact accident of a vehicle and a high-speed roll-up door beforehand.



• Revolving light
 Available in four colors (Red, Yellow, Green, Blue).
 It turns on when a high-speed roll-up door is activated or a sheet is stopped at an upper limit position.

• Triple pushbutton switch
 External dimension: W86 × H200 × D98
 • Photoelectric sensor (phototransmitting / photoreceiving type)
 • Buzzer

* Specifications are subject to change without notice for product improvement.

OPTION FOR HIGH-SPEED ROLL-UP DOOR

● HACCP compatible option

An insect-resistant orange sheet certainly repels insects, a high performance airtight gasket (option) can also enhance an insect-proof and a dust-proofing effect.

In addition, attaching a slope cover on a drum box or a control box makes it easier to confirm its contamination state.

Apart from that, a stainless-made rail or a drum box, and baking coating finishing are available.



▲Example of use



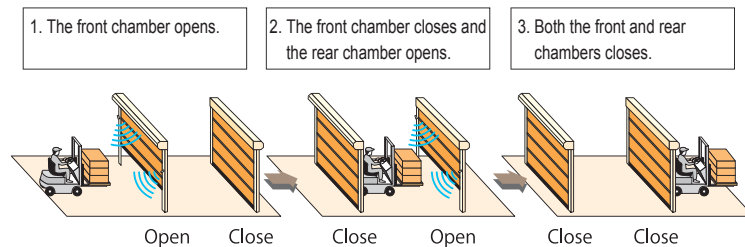
▲Example of use:
Trapezoid cover for main body box



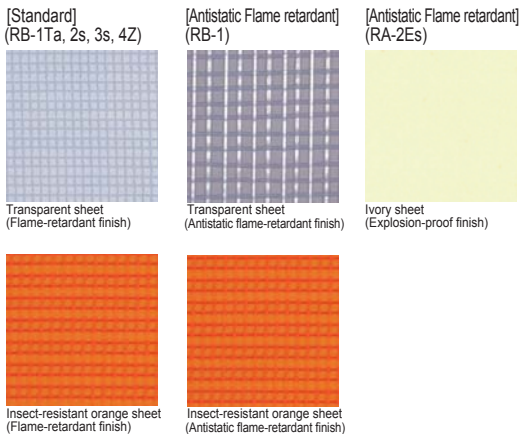
▲Example of use:
Trapezoid cover for control box

● Interlocking functions

Two units of Smoothers constitute to a front and rear chamber, which are coordinated via a microprocessor. An interlocking operation in which one side opens and the other side closes, is possible. As it prevents external air from entering, it can enhance air-conditioning efficiency. An optional printed board can be added for linked operation with belt conveyors, AGVs or other equipment.



● Sheet

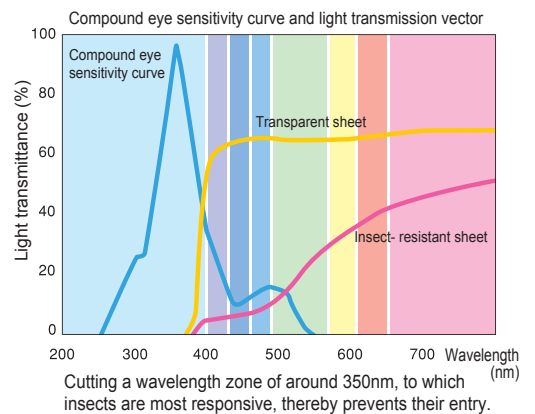


* The Fire defence Agency registration No.AE-13-1223

● [Sheet option for window]

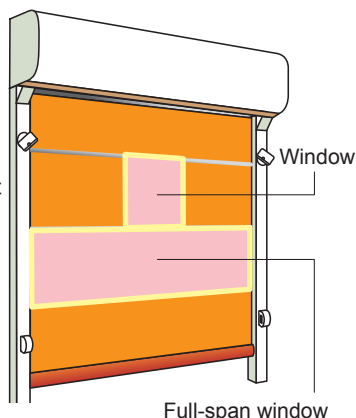


● Insect-resistant effect



● Sheet window

Attaching a sheet window enables to see a person or a forklift at an opposite side in which can avoid collision accident etc. Available window options are Clear, Insect-resistant clear orange, Mesh, Flame-retardant clear.



● Dimension suitable for mounting windows

	Window			Full-span window	
	Maximum width	Minimum width	Height	Width	Height
RB-1	W-500	500	400	W+110	Maximum height set for each span
RB-1Ta					
RB-2s					
RB-3s					
RB-4Z	W-800			—	—
RA-2Es	W-500			—	—

- * Windows that can be mounted are 1 to 3 windows for a single span or a full-span window. (The number of windows varies depending on the width of a sheet.)
- * Window mounting positions may be located on the first, second, third, and fourth segments.
- * Mesh window does not comply with a full-span window.
- * For RB-1, if the opening width is less than 900, the maximum width of window is W-300.
- * The flame retardant transparent type window for the RA-2Es may become bleached over time due to deterioration.