

## 7. DIP SWITCH SETTINGS 000000 Dip Switch (X) ☆ = Default Setting Dip Switch (X) Function Description The sensor will detect a stationary object for the preset presence timer setting on the inner 3 rows. IR Presence EN16005 To comply with EN16005 set the presence timer to 30s or more Timer ☆A□□ When more than two sensors are installed in close proximity to each other select different frequency settings for each sensor to prevent cross interference. IR $\boxed{3}$ Frequency Set to snow in instances where false door activations can result from ☆ Normal 🏴 Monitor blowing snow, leaves or rubbish in the door close area. Mode Refer to [11.Timing Chart of events] for full details on Safety Output Safety ☆ N.O. 🗖 Relay Output A low reflected infrared signal is indicated by a slow flashing Red/Green ☆ Normal 🗖 LED. Reflection To ignore this low reflection error state, set this dip switch to "Low Reflection"(ON). Diagnostics EN16005 To comply with EN16005 set to "Normal" Function Dip Switch (Y) Description When set to ON, pedestrians moving away from the sensor will not be Direction ☆ ON Detection RADAR Refer to [11.Timing Chart of events] for full details on Activation Output Activation ☆ N.O. 🗖 Relay Output Activation Choose how relay output is configured ☆ OFF Relay Output Configuration Switch to OPEN to hold the door in the open position 🕸 Auto 🇖 CAUTION Door Hold Doorway Learn allows the 1st row of detection to be focused ☆ OFF nside the door close area without the detecting door move Doorway When Doorway Learn is turned ON, the sensitivity level of the inner row of detection is only at maximum when the outer rows of detection are activated Learn Note When connected to a door controller without a TEST input, set to "OFF" Test Input When connected to a door controller with a TEST input, set to "ON" Refer to [11.Timing Chart of events]. ☆ OFF 🗖 Setting from Door EN16005 Set to "ON" to comply with EN16005 Controller

## 8.DETECTION



CAUTION





2.0 [m] 1.0

Installation height "2.2m" and Sensitivity set to "Low"

Put on

[15 degree] setti

[45 degree] settin

Wide



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13. SELF DIAG

Green

Red

Green

Red

Flash

Frequency

Fast

Slow

Technical problems with the SSR-3 sensor are indicated by a flashing Green/Red LED. The frequency of flashing indicates the type of problem as explained below

LED	Cause
	Please replace the sensor.
** ***	Confirm that the sensitivity potentiometer is set to maximum and re-power the sensor. If the error persists, set Dip Switch $\otimes 7$ to "Low Reflection".

	Solution
	Tighten or reconnect the connector.
	Apply proper voltage to the sensor. (AC/DC 12-24V)
	Double check sensor wiring
	Remove the moving object from detection area.
ronment	Reduce the sensor sensitivity setting
ns	Wipe the sensor lens clean and install a weather cover if necessary
sensor	Ensure different frequency setting for each sensor, and adjust to overlap the radar area using the angle and volume.
C	Turn monitor mode Dip switch 🛞 5 to "snow"
Doorway the door.	Adjust detection depth for Inner 3 rows away from the door.
	Re-power the sensor or change the presence timer settings to 30 or 60 secs
	Double check sensor wiring
	Remove highly reflective objects from the detection area, or lower the sensor sensitivity setting
	Eliminate moving objects
	Replace the sensor
from	Increase sensor sensitivity or change the "Reflection Diagnostics" Dip switch $\otimes$ 7 from "Normal" to "Low Ref"
)	Turn "Door Hold" Dip switch 🕥 4 to Auto

SSR-3 Combined motion and presence detection sensor for the activation and safety of automatic doors. Technology used is Active Infrared Technology and Doppler method: ( moving body detection) Technology

Industrial, commercial and garage doors and gates - safety devices for power operated doors and gates - Requirements and test methods.

	Other Technical Stan DIN 18650-1:2005 EN16005:2012	dards Used:
Declaration made by Kaoru Musya General Manager	y	Date <sup>9th</sup> Nov. 2011

4. Losses of business profits, business interruptions, business information losses and other financial losses caused by using the sensor or malfunction of the sensor.

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