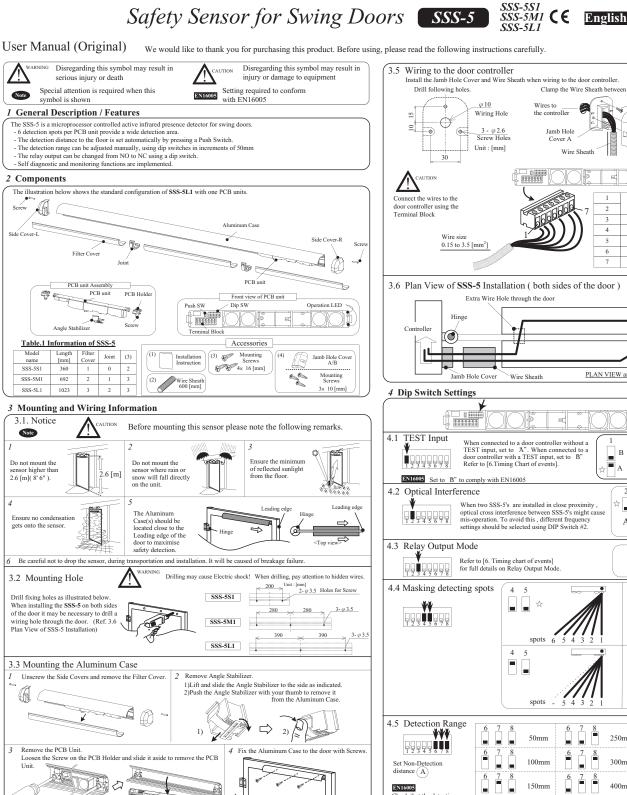
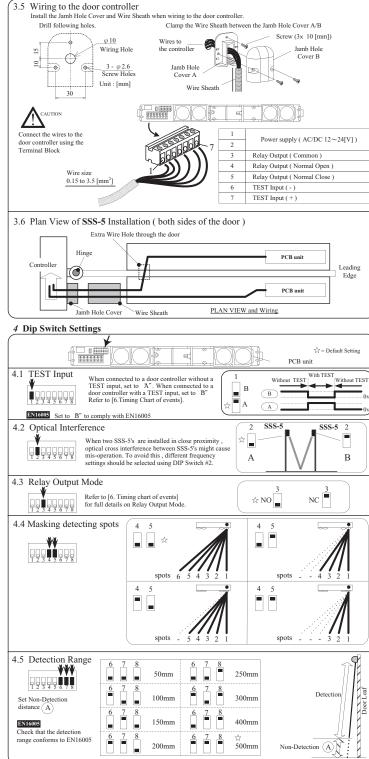


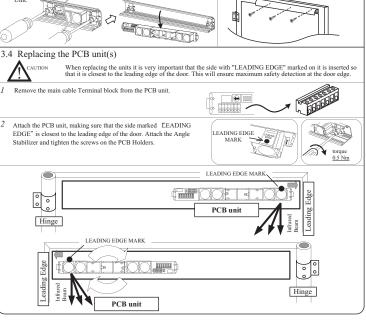


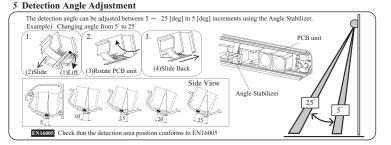


We would like to thank you for purchasing this product. Before using, please read the following instructions carefully.

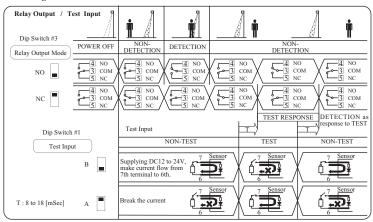




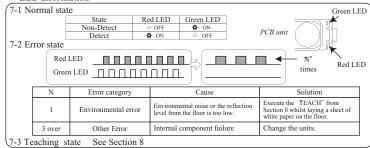




6 Timing chart of events



7 LED information

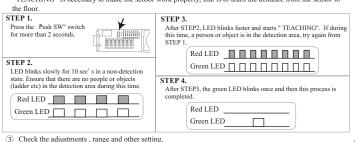


8 Teaching

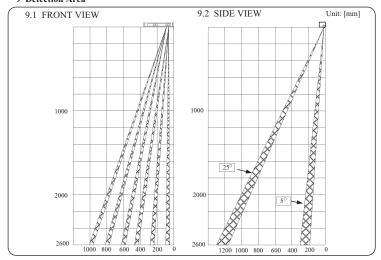
- Conduct the following steps with the Filter Cover off.

 ① Check the wiring connection and supply power.
 ② Execute "TEACHING"

TEACHING" is necessary to make the sensor work properly, that is to learn the distance from the sensor to



9 Detection Area



10 Detection Range Check without Filter Cover

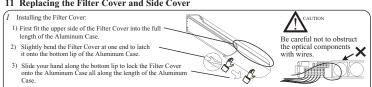
Check the detection range without the Filter Cover attached. Put a test object in the detection area to check the detection patterns and other Dip Switch settings. Tests according to local standards should be carried out.

After this check, Turn power off.

EN16005 Check that the detection area conforms to EN16005 When the test is completed, go to Section 11 to install the Filter Cover and Side Cover If an error occurs, re-check the settings referring to Section 3.



11 Replacing the Filter Cover and Side Cover



- 2 Attaching the Joint
 - 1) Snap the Joint into the Aluminum Case.
 - Slide the Joint so that it fits snugly into the Filter Cover. Make sure there are no gaps left.
 - 3) Attach remaining Filter Covers as illustrated



3 Cut out the Side Cover wiring point and insert the Wire Sheath into it. 4 Attach the Side Cover with Screw

12 Final Detection Range Check

After the Filter Cover is fitted, confirm that the detection range is as expected and conforms with local regulations.

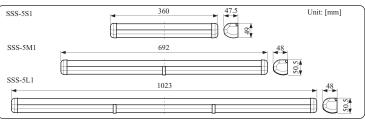
EN16005 Check that the detection area conforms to EN16005



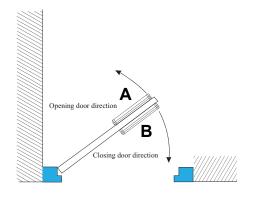
13 Technical Data

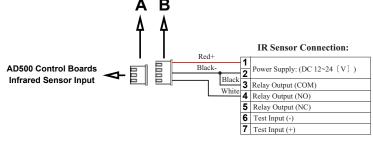
MODEL	Safety Sensor for Swing Doors SSS-5		
TECHNOLOGY	COMPLETE STATIONARY DETECTION with PSD DISTANCE MEASUREMENT		
POWER SUPPLY	AC/DC 12~24[V] ± 10%	BEAM ANGLE ADJUSTMENT	5, 10, 15, 20, 25 [degrees]
CURRENT CONSUMPTION	95 [mA] @ DC12[V] 55 [mA] @ DC24[V] 1.7 [VA] @ AC12 [V] 2.3 [VA] @ AC24[V]	RESPONSE SPEED	LESS THAN 100 [mSec]
		DIP SW FUNCTIONS	TEST INPUT : 1 [BIT] OPTICAL INTERFERENCE : 1 [BIT] RELAY OUTPUT MODE :1 [BIT] MASKING DETECTING SPOTS:2[BIT] DETECTION RANGE:3[BIT]
RELAY OUTPUT	DC 50V 0.1 [A] NON VOLTAGE 1C		
TEST INPUT	6 [mA] Max. at 24 [VDC]		
MOUNTING HEIGHT	2.6 [m] Max	OPERATING TEMPERATURE	-20 ∼ +60 [° C]
DETECTION RANGE	0 - 2.55 [m] Max	WEIGHT	SSS-5S1: 350[g] APPROX.
			SSS-5M1: 540[g] APPROX. SSS-5L1: 760[g] APPROX.

14 Dimensions



15. Wiring with AD500 Automatic Door Operator





A:Use the included 3-pin, 3-wire red/white/black harness B:Use the included 4-pin, 3-wire red/white/black harness