Hen TRON S

Safety Sensor for Swing Doors SSS-5





User Manual (Original)

1ginal) We would like to thank you for purchasing this product. Before using, please read the following instructions carefully.



6 Timing chart of events





8 Teaching



9 Detection Area





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

15 I cennical 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]
RELAY OUTPUT	DC 50V 0.1 [A] NON VOLTAGE 1C		MASKING DETECTING SPOTS:2[BIT] DETECTION RANGE:3[BIT]
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.
		WEIGHT	SSS-5M1: 540[g] APPROX. SSS-5L1: 760[g] APPROX.

14 Dimensions



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

(1 Installing the Filter Cover:

- 1) First fit the upper side of the Filter Cover into the full length of the Aluminum Case.
- 2) Slightly bend the Filter Cover at one end to latch it onto the bottom lip of the Aluminum Case.
- 3) Slide your hand along the bottom lip to lock the Filter Cover onto the Aluminum Case all along the length of the Aluminum Case.



- <Disclaimer> The manufacturer cannot be held responsible for the below.
- 1. Misinterpretation of the installation instructions, miss connection, negligence, sensor modification and inappropriate installation.
- 2. Damage caused by inappropriate transportation.
- 3. Accidents or damages caused by fire, pollution, abnormal voltage, earthquake, thunderstorm, wind, floods and other acts of providence.
- 4. Losses of business profits, business interruptions, business information losses and other financial losses caused by using the sensor or malfunction of the sensor.
- 5. Amount of compensation beyond selling price in all cases.



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