



S300

951451270

S300-PR-1-F06-RX-M

HEAVY DUTY SENSOR FOR OUTDOOR APPLICATIONS AND HARSH ENVIRONMENTS

OVERVIEW

- Industrial plastic housing with IP67 mechanical protection
- Defogging system function
- Double independent timing functions with double time scale from 0-2s or 0-10s, One-Delay, Off Delay, ONE SHOT

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	60m
Sensitivity adjustment	Trimmer

Application

Function Principle	Through beam receiver with defogging
Description	Large case vertical mount
Optic position	Radial 90°
Functions	Through beam receiver with defogging

Outputs	
Output type	Relay SPDT
Switching frequency	25Hz
Response time	20
Electrical data	
Operating Voltage	24...240 VAC
No-Load supply current	≤ 3VA
Load current	≤ 3A
Output voltage drop	≤ 2,4V
LED indicators	Yellow (output state) Green (stability)
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	n/a
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes
Insulation resistance	>20 MΩ 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing
Mechanical data	

Dimensions	25x85x70
Material	Plastic - PBT / PC
Housing material	PBT Fiber Glass reinforced
Connections	Terminal block
Active Head Material	PMMA
Storage temperature	- 40°C...+70°C
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE cULus
Shocks and vibrations	0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6)

Generical Data

Dimensions	25x85x70
Operating Temperature	- 40°C...+ 55°C
Mechanical Protection	IP67

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