



# S300

## 951451110

### S300-PR-1-C01-RX

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	5m
Sensitivity adjustment	Trimmer

### Application

Function Principle	Diffuse beam
Description	Large case vertical mount
Optic position	Radial 90°
Functions	Diffuse beam

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	LED Infrared
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
Housing Material	PBT Fiber Glass reinforced
Connections	Terminal block
Active Head Material	PMMA
Storage temperature	- 40°C...+70°C
Material	Plastic - PBT / PC
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