



S300

951451440

S300-PA-1-M01-RX

ADVANCED MAXI PHOTOELECTRIC MULTIVOLTAGE SENSORS

OVERVIEW

- Industrial plastic housing with IP67 mechanical protection
- Timing function from 0.6-16 s ON delay, OFF delay and ONE SHOT
- Terminal block for both Vdc and Vac/ Vdc free voltage
- Distance trimmer for mechanical background suppression models

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2m
Sensitivity adjustment	Trimmer

Application

Function Principle	Background suppression
Description	Large case horizontal mount
Optic position	axial
Functions	Background suppression

Outputs	
Output type	Relay SPDT
Switching frequency	20Hz
Response time	25
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 (880nm)
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	25x70x100
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	25x70x100
Operating Temperature	- 40°C...+ 55°C
Mechanical Protection	IP67