

S300

ADVANCED MAXI PHOTOELECTRIC MULTIVOLTAGE SENSORS



- 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

Detection properties

Nominal sensing distance	2m
Sensitivity adjustment	Trimmer

Application

Function Principle	Diffuse beam
Description	Large case horizontal mount
Optic position	axial
Functions	Diffuse beam

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 (940nm)
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
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	25x70x100
Operating Temperature	- 40°C...+ 55°C
Mechanical Protection	IP67

Datasensing S.r.l.

Strada S.Caterina, 235

41122 Modena (MO)

Tel. 059 420411

Fax 059 253973

E-mail info@datasensing.com

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