



S6

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S6-1-C200

MULTIVOLTAGE 50X50 MM COMPACT SENSORS SERIES

OVERVIEW

- 50x50 mm compact dimensions
- Free voltage Vac/Vdc models with relay output
- 10-30 Vdc model with transistor output
- Standard cable or M12 4-pole connection

TECHNICAL FEATURES

Detection properties

Nominal sensing distance

2m

Sensitivity adjustment

Trimmer

Application

Function Principle

Diffuse beam

Description

Compact square case

Functions

Diffuse beam

Outputs

Output type	Relay SPDT L/D selectable by trimmer
Output Function	L/D selectable by trimmer
Switching frequency	16Hz
Response time	30ms

Electrical data	
Operating Voltage	24...240 VAC
No-Load supply current	≤ 40mA
Load current	≤3A
LED indicators	Red OUTPUT
Emission	LED Infrared
Interference to external light	according to EN 60947-5-2 : 2020
Insulation resistance	>20 MΩ 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing

Mechanical data	
Dimensions	18x50x50
Material	
Housing material	ABS
Connections	2m cable

Active Head Material	PMMA
Storage temperature	- 25°C...+70°C
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE cULus
EMC compatibility	EN 60947-5-2
Shocks and vibrations	0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6)

Generical Data

Dimensions	18x50x50
Operating Temperature	- 25°C...+ 55°C (Without freeze)
Mechanical Protection	IP65

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