

SOLENOID SWITCH SWITCHING ELEMENT,
RECTANGULAR SMALL 25X33MM,
CONTACT ELEMENTS 2NC/1NC,
WITH 1M CABLE 1NC IS ONLY SIGNAL CONTACT

General technical data:

Product designation		magnetically operated switch, switch block
Design of the product		rectangular sensor unit
Design of the operating mechanism		magnet
Product function / control function of post-connected devices		No
Product function / cross circuit/short circuit recognition		Yes
Product function / positive opening		No
Output current / at the safety-related output / maximum	A	0.1
Type of voltage		DC
Voltage type / of operating voltage		DC
Operating voltage / rated value	V	24
Operating current / rated value	A	0.1
Shock resistance / according to IEC 60068-2-27		Sinusoidal half-wave 30g / 11 ms
Resistance against vibration / according to IEC 60068-2-6		10 ... 55 Hz: 1 mm
Suitability for use / safety-related circuits		Yes
Number of semiconductor outputs		
• for reporting function		0
• safety-related		0
Switching frequency	Hz	5
Secure switching distance OFF:	mm	14
Secure switching distance ON	mm	4
Design of the evaluation unit / required		yes

Enclosure:

Mounting type		screw fixing
Design of the housing		block
Material		
• of the enclosure		plastic
• of the cable sheath		PVC
• of the active sensor area		plastic
Height of the sensor	mm	13

Length of the sensor	mm	33
Width of the sensor	mm	25
Mechanical installation condition for sensor		no flush installation possible

Contact:

Design of the contact element		reed switches
Design of the switching function		NC contact and NO contact
Number of NC contacts / for auxiliary contacts		2
Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0
Number of switching contacts / for reporting function		1
Number of switching contacts / for reporting function / safety-related		0
Design of the electrical connection		cable 1 m
Design of the switching output		Reed contacts

Ambient conditions:

ambient temperature

- during operating
- during storage and transport

°C	-25 ... +70
°C	-25 ... +70

Certificates/ approvals:

Protection class IP		IP67
Verification of suitability		CE / UL / CSA
Safety Integrity Level (SIL) / according to IEC 61508		SIL3
Performance level (PL) / according to EN ISO 13849-1		e
Category / according to EN 954-1		4

General Product Approval

Functional Safety / Safety of Machinery

other



[other](#)

[Declaration of Conformity](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE6606-3BA/all>

last change:

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