

SIGUARD SWITCHING ELEMENT,
2NC MOULDED PLASTIC HOUSING 5XX88 CONN.CABLE
3M LIYY 4X0,25SQMM (SWITCHING MAGNET REQUIRED:
3SE67042BA)



General technical details:

product designation		magnetically operated switch, switch block
Design of the product		rectangular sensor unit
Product function / cross circuit/short circuit recognition		No
Product function / positive opening		No
Suitability for use / safety-related circuits		Yes
Switching frequency	Hz	5
Secure switching distance OFF:	mm	15
Secure switching distance ON	mm	5
Design of the evaluation unit / required		yes
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
Item designation / according to DIN EN 61346-2		S

Enclosure:

Type of mounting		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	88
Width of the sensor	mm	25
Mechanical installation condition for sensor		no flush installation possible

Drive Head:

Design of the operating mechanism		magnet
-----------------------------------	--	--------

Contact:

Design of the contact element		reed switches
Design of the switching function		NC contact
Number of NC contacts / for auxiliary contacts		2
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0
Design of the electrical connection		cable, 3 m
Design of the switching output		Reed contacts

Ambient conditions:

Ambient temperature		
• during operating	°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 ISO 13849-1		e
Category / according to EN 954-1		4

General Product Approval

Functional Safety / Safety of Machinery

Declaration of Conformity

other



[other](#)



[other](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

CAX-Online-Generator

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

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

<http://support.automation.siemens.com/WW/view/en/3SE6604-2BA/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE6604-2BA

last change:

Feb 18, 2013