

Position switch Plastic enclosure according to EN 50047, 31 mm
 Device connection 1 x (M20 x 1.5) 1 NO/1 NC snap-action contacts
 integrated (not replaceable) Rounded plunger Degree of protection
 IP40, with Self-sealing grommet, Enclosure and Cover in black
 without locking sheet metal, with accessories: Screws and Holding
 plate, Connecting cable 0.6 m yellow Otto Heil Rittal version

Product brand name	SIRIUS
Product designation	Mechanical position switches
Product type designation	3SE5
Suitability for use safety switch	Yes

General technical data

Product function	
• positive opening	Yes
Degree of pollution	class 3
Thermal current	10 A
Reference code acc. to DIN EN 61346-2	B
Continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
Continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
Continuous current of the DIAZED fuse link gG	6 A
Active principle	mechanical
Repeat accuracy	0.05 mm
Length of the sensor	75.7 mm
Width of the sensor	31 mm
Design of the switching contact	mechanical
Operating frequency rated value	50 Hz
Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	1
Number of CO contacts for auxiliary contacts	1
Design of the interface for safety-related communication	without

Enclosure

Design of the housing	block, narrow
Material of the enclosure	plastic
Coating of the enclosure	Other types

Drive Head

Design of the operating mechanism	Rounded plunger, Teflon plunger
Design of the switching function	positive opening, integrated
Circuit principle	snap-action contacts

Number of switching contacts safety-related	1
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Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid 	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded with core end processing 	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • at AWG conductors solid 	1x (20 ... 16), 2x (20 ... 18)
<ul style="list-style-type: none"> • at AWG conductors stranded 	1x (20 ... 16), 2x (20 ... 18)

Communication/ Protocol

Design of the interface	without
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Ambient conditions

Explosion protection category for dust	none
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Installation/ mounting/ dimensions

Mounting position	any
Mounting type	screw fixing

Certificates/ approvals

General Product Approval	Declaration of Conformity
 CCC	 CSA
 UL	 UR
 EAC	 EG-Konf.

Declaration of Conformity	other
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[Miscellaneous](#)

[Confirmation](#)

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5282-0HC05-8RB0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5282-0HC05-8RB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5282-0HC05-8RB0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5282-0HC05-8RB0&lang=en

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