

Safety cable-operated switch Metal enclosure, 2 x M25 x 1.5 1 NO/1 NC, Red LED, 115 V AC, with latching according to EN ISO 13850

Product brand name	SIRIUS
Product designation	cable-operated switch
Product type designation	3SE7

General technical data

Product function	
<ul style="list-style-type: none"> EMERGENCY STOP function 	Yes
Product component Light source	Yes
Insulation voltage	
<ul style="list-style-type: none"> rated value 	400 V
Degree of pollution	class 3
Surge voltage resistance rated value	6 kV
Protection class IP	IP65
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> typical 	100 000
Thermal current	6 A
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
Continuous current of the DIAZED fuse link gG	6 A
Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	1
Operating current at AC-15	
<ul style="list-style-type: none"> at 240 V rated value at 400 V rated value 	6 A 6 A
Operating current at DC-13	
<ul style="list-style-type: none"> at 24 V rated value at 250 V rated value 	3 A 0.27 A

Enclosure

Material of the enclosure	metal
Material of the enclosure cover	Plastic
Product component	
<ul style="list-style-type: none"> EMERGENCY STOP device 	No
Color	
<ul style="list-style-type: none"> of the enclosure of top part of the enclosure 	black grey
Coating of the enclosure	painted
Circuit principle	Jump function

Material of the contact	Silver
Number of switching contacts safety-related	1

Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid • finely stranded with core end processing • at AWG conductors solid • at AWG conductors stranded 	<ul style="list-style-type: none"> 2x (0.5 ... 2.5 mm²) 2x (0.5 ... 2.5 mm²) 2x (20 ... 14) 2x (20 ... 14)

Safety related data

B10 value	
<ul style="list-style-type: none"> • with high demand rate acc. to SN 31920 	100 000
Proportion of dangerous failures	
<ul style="list-style-type: none"> • with high demand rate acc. to SN 31920 	50 %
Cable entry type	2x M25 x 1,5

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-25 ... +70 °C

Supply voltage

Type of voltage of the supply voltage	
<ul style="list-style-type: none"> • of the light source 	AC
Supply voltage of the light source at AC	
<ul style="list-style-type: none"> • at 50 Hz rated value 	115 V
Relative negative tolerance of the supply voltage	-15 %
Relative positive tolerance of the supply voltage	10 %

Display

Product function status display	No
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Lamp

Color of the light source	red
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Installation/ mounting/ dimensions

Mounting type	screw fixing
Height	105 mm
Width	131 mm
Depth	99 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Marine / Shipping
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CCC



CSA



UL



EG-Konf.



ABS

Marine / Shipping	other
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LRS



PRS



DNVGL.COM/AF

[Confirmation](#)

Further information

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE7160-1BD00-0AS1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7160-1BD00-0AS1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE7160-1BD00-0AS1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7160-1BD00-0AS1&lang=en

last modified:

03/09/2020