

Cable-operated switch and lever Metal enclosure, 2 x M25 x 1.5; 2 NO+2 NC, latching according to EN13850 and pushbutton release with LED lamp red DC 24 V, 2-sided operation, for wire lengths up to 2 x 100 m



Figure similar

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

General technical data	
<b>Product function</b>	
• EMERGENCY STOP function	Yes
Product component Light source	Yes
<b>Insulation voltage</b>	
• rated value	400 V
<b>Degree of pollution</b>	class 3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP65
<b>Mechanical service life (switching cycles)</b>	
• typical	100 000
<b>Thermal current</b>	6 A
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S

Continuous current of the DIAZED fuse link gG	6 A
Number of NC contacts for auxiliary contacts	2
Number of NO contacts for auxiliary contacts	2
Operating current at AC-15	
• at 240 V rated value	6 A
• at 400 V rated value	6 A
Operating current at DC-13	
• at 24 V rated value	3 A
• at 250 V rated value	0.27 A

### Enclosure

Material of the enclosure	metal
Material of the enclosure cover	Metal
Product component	
• EMERGENCY STOP device	No
Color	
• of the enclosure	black
• of top part of the enclosure	grey
Coating of the enclosure	painted
Circuit principle	Jump function
Material of the contact	Silver
Number of switching contacts safety-related	2

### Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid	2x (0.5 ... 2.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.5 ... 2.5 mm <sup>2</sup> )
• at AWG conductors solid	2x (20 ... 14)
• at AWG conductors stranded	2x (20 ... 14)

### Safety related data

B10 value	
• with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
• with high demand rate acc. to SN 31920	50 %
Cable entry type	2x M25 x 1,5

### Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C

### Supply voltage

Type of voltage of the supply voltage	
• of the light source	DC

Supply voltage of the light source at DC	
• rated value	24 V
Relative negative tolerance of the supply voltage	-15 %
Relative positive tolerance of the supply voltage	10 %




<b>Display</b>	
Product function status display	No

<b>Lamp</b>	
Color of the light source	red

<b>Installation/ mounting/ dimensions</b>	
Mounting type	screw fixing
Height	160 mm
Width	127 mm
Depth	92 mm

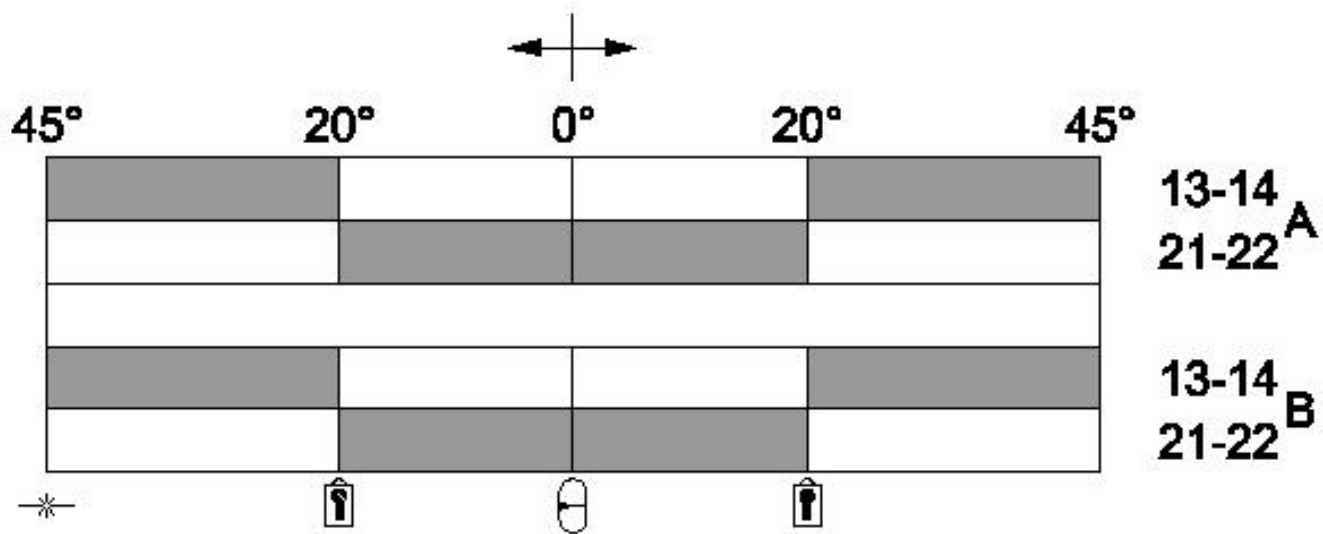
**Certificates/ approvals**

General Product Approval	Declaration of Conformity	Marine / Shipping
 CCC  CSA  UL	 EAC  CE EG-Konf.	 ABS

Marine / Shipping	other
 LRS  PRS  DNV-GL <small>DNVGL.COM/AF</small>	<a href="#">Confirmation</a>


**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=3SE7160-1AE04>
- Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7160-1AE04>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SE7160-1AE04>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE7160-1AE04&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7160-1AE04&lang=en)



 Verriegelung / Locking

 Betätigungsrichtung / Travel

 Mittelstellung / Middle position

 Seilriss / Rope rip

 Schaltglied geschlossen / Contact element closed

 Schaltglied geöffnet / Contact element open

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