

Cable-operated switch Metal enclosure, 2 xM20 x1.5; 1NO+1NC, with latching acc. to EN ISO 13850 Pushbutton release, for 25m with LED lamp 24 V DC, red



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>Degree of pollution</b>	class 3
<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>Continuous current of the DIAZED fuse link gG</b>	6 A
<b>Number of NC contacts for auxiliary contacts</b>	1
<b>Number of NO contacts for auxiliary contacts</b>	1
<b>Operating current at AC-15</b>	
• at 240 V rated value	6 A
<b>Operating current at DC-13</b>	

- at 250 V rated value

0.27 A

## Enclosure

<b>Material of the enclosure</b>	metal
<b>Material of the enclosure cover</b>	Plastic
<b>Product component</b>	
<ul style="list-style-type: none"> <li>• EMERGENCY STOP device</li> </ul>	No
<b>Color</b>	
<ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>	black
<ul style="list-style-type: none"> <li>• of top part of the enclosure</li> </ul>	grey
<b>Coating of the enclosure</b>	painted
<b>Circuit principle</b>	Jump function
<b>Material of the contact</b>	Silver
Number of switching contacts safety-related	1

## Connections/ Terminals

<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid</li> </ul>	2x (0.5 ... 2.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	2x (0.5 ... 2.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• at AWG conductors solid</li> </ul>	2x (20 ... 14)
<ul style="list-style-type: none"> <li>• at AWG conductors stranded</li> </ul>	2x (20 ... 14)

## Safety related data

<b>B10 value</b>	
<ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>	100 000
<b>Proportion of dangerous failures</b>	
<ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>	50 %
<b>Cable entry type</b>	2x M20 x 1,5

## Ambient conditions

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

## Supply voltage

<b>Type of voltage of the supply voltage</b>	
<ul style="list-style-type: none"> <li>• of the light source</li> </ul>	DC
<b>Supply voltage of the light source at DC</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	24 V
<b>Relative negative tolerance of the supply voltage</b>	-15 %
<b>Relative positive tolerance of the supply voltage</b>	10 %

## Display

<b>Product function status display</b>	Yes
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## Lamp

<b>Color of the light source</b>	red
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## Installation/ mounting/ dimensions

Mounting type	screw fixing
Height	171 mm
Width	52 mm
Depth	74 mm

## Certificates/ approvals

### General Product Approval



CCC



CSA



UL



EG-Konf.

[Miscellaneous](#)

### Marine / Shipping



ABS



LRS



PRS

### other

[Confirmation](#)

## Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE7150-1BD04>

### Cax online generator

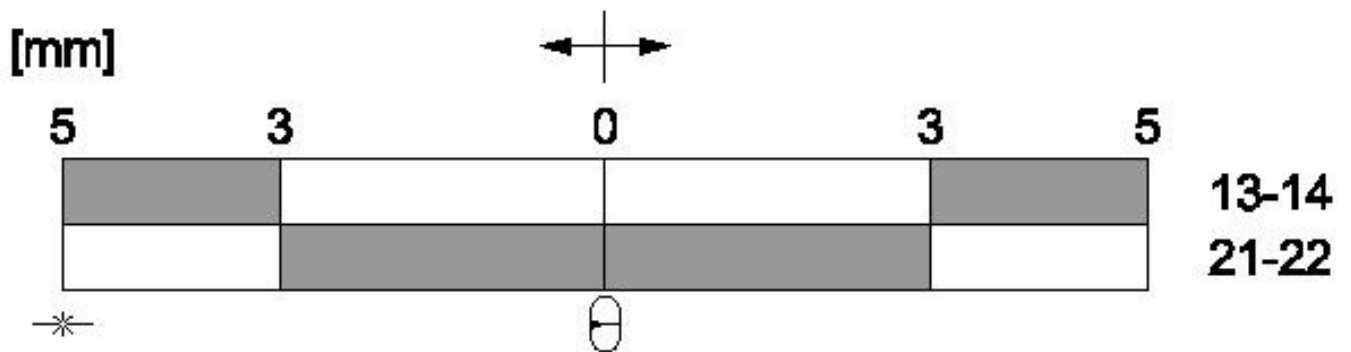
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7150-1BD04>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE7150-1BD04>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE7150-1BD04&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7150-1BD04&lang=en)



- **Betätigungsrichtung / Travel**
- **Mittelstellung / Middle position**
- \* **Selbstriss / Rope rip**
- **Schaltglied geschlossen / Contact element closed**
- **Schaltglied geöffnet / Contact element open**

last modified:

10/25/2019