



cable-operated switch with lever metal enclosure, 2 x M25 x1.5; 2 NO+2 NC, latching according to EN 13850 and button reset with LED lamp red 24 V DC, 2-sided operation, for cable lengths up to 2 x 100 m

<b>product brand name</b>	SIRIUS
<b>product designation</b>	cable-operated switch
<b>product type designation</b>	3SE7
<b>General technical data</b>	
product function EMERGENCY STOP function	Yes
product component light source	Yes
<b>insulation voltage rated value</b>	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 (operating cycles) typical</b>	100 000
<b>thermal current</b>	6 A
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the DIAZED fuse link gG</b>	6 A
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>SVHC substance name</b>	Lead - 7439-92-1
<b>Weight</b>	1.187 kg
<b>Ambient conditions</b>	
ambient temperature during operation	-25 ... +70 °C
<b>number of NC contacts for auxiliary contacts</b>	2
<b>number of NO contacts for auxiliary contacts</b>	2
<b>operational current at AC-15</b>	
• at 240 V rated value	6 A
• at 400 V rated value	6 A
<b>operational current at DC-13</b>	
• at 24 V rated value	3 A
• at 250 V rated value	0.27 A
<b>Enclosure</b>	
<b>material of the enclosure</b>	metal
<b>material of the enclosure cover</b>	Metal
product component EMERGENCY STOP device	No
<b>color</b>	
• of the enclosure	black
• of the enclosure top part	grey
<b>coating of the enclosure</b>	painted
<b>Display</b>	
product function status display	No
<b>Lamp</b>	
<b>color of the light source</b>	red
<b>circuit principle</b>	Jump function

<b>material of the contact</b>	Silver
number of switching contacts safety-related	2
<b>cable entry type</b>	2x M25 x 1,5
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	screw fixing
<b>height</b>	160 mm
<b>width</b>	127 mm
<b>depth</b>	92 mm
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw terminal
<b>type of connectable conductor cross-sections</b>	
• 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> )
• for AWG cables solid	2x (20 ... 14)
• for AWG cables stranded	2x (20 ... 14)
<b>Supply voltage</b>	
type of voltage of the supply voltage of the light source	DC
supply voltage 1 of the light source at DC rated value	24 V
<b>relative negative tolerance of the supply voltage</b>	-15 %
<b>relative positive tolerance of the supply voltage</b>	10 %
<b>Safety related data</b>	
proportion of dangerous failures with high demand rate according to SN 31920	50 %
<b>B10 value with high demand rate according to SN 31920</b>	100 000
<b>Approvals Certificates</b>	
General Product Approval	other



[Confirmation](#)

## Environment

[Environmental Con-  
firmations](#)

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

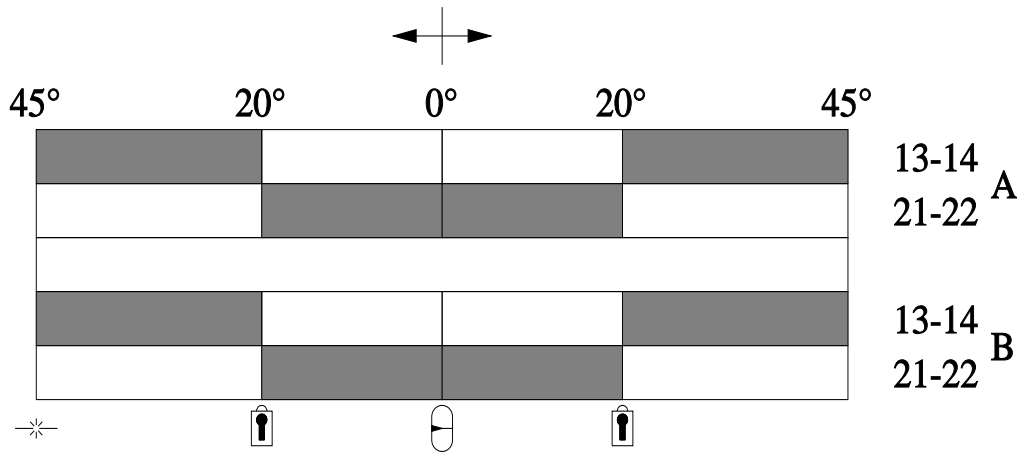
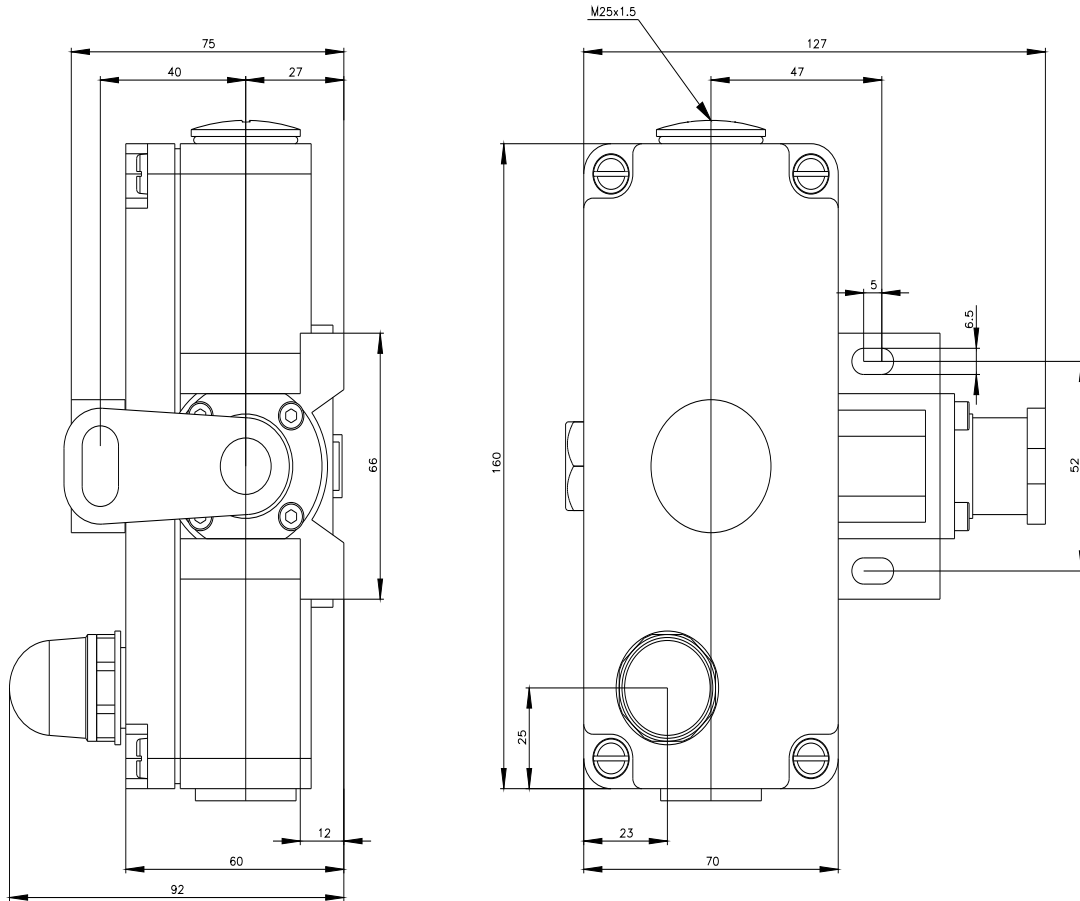
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7160-1AE04>

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, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE7160-1AE04&lang=en](https://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

