



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

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

General technical data

product function EMERGENCY STOP function	Yes
product component light source	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP65
mechanical service life (operating cycles) typical	100 000
thermal current	6 A
reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date)	07/01/2006

Ambient conditions

ambient temperature during operation	-25 ... +70 °C
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
operational current at AC-15	
• at 240 V rated value	6 A
• at 400 V rated value	6 A
operational 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 the enclosure top part	grey
coating of the enclosure	painted

Display

product function status display	No
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Lamp

color of the light source	red
circuit principle	Jump function
material of the contact	Silver
number of switching contacts safety-related	2
cable entry type	2x M25 x 1,5

Installation/ mounting/ dimensions	
fastening method	screw fixing
height	160 mm
width	127 mm
depth	92 mm
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	2x (0.5 ... 2.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 2.5 mm ²)
• at AWG cables solid	2x (20 ... 14)
• at AWG cables stranded	2x (20 ... 14)
Supply voltage	
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
relative negative tolerance of the supply voltage	-15 %
relative positive tolerance of the supply voltage	10 %
Safety related data	
B10 value with high demand rate according to SN 31920	100 000
proportion of dangerous failures with high demand rate according to SN 31920	50 %
Certificates/ approvals	
General Product Approval	Marine / Shipping



[Confirmation](#)



Marine / Shipping

other



[Confirmation](#)

Further information

Information on the packaging

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

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

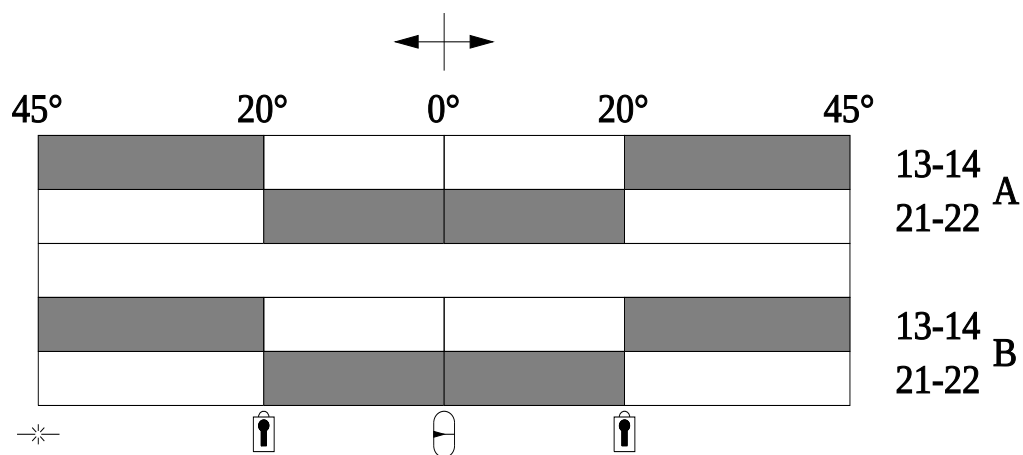
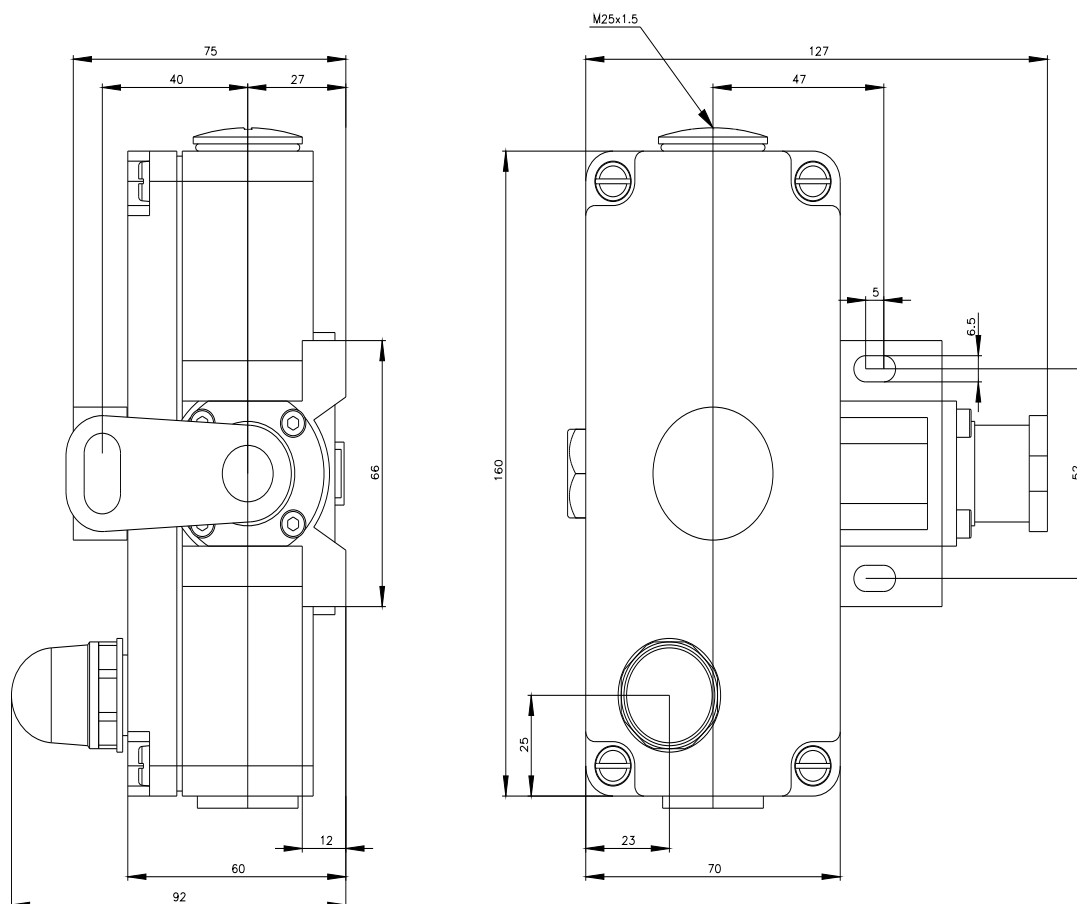
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7160-1AE04>

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



🔒 Verriegelung / Locking

➡ Betätigungsrichtung / Travel

⊖ Mittelstellung / Middle position

—*— Seilriss / Rope rip

■ Schaltglied geschlossen / Contact element closed

□ Schaltglied geöffnet / Contact element open

last modified:

12/23/2020

