

Cable-operated switch and lever Metal enclosure, 2 x M25 x 1.5; 1 NO+1 NC, latching EN ISO 13850 and pushbutton release, 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	No
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 (switching cycles)	
• 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	
• 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	Plastic
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	1

Connections/ Terminals

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










Display

Product function status display	No
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Installation/ mounting/ dimensions

Mounting type	screw fixing
Height	105 mm
Width	131 mm
Depth	75 mm

Certificates/ approvals

General Product Approval			Declaration of Conformity	Marine / Shipping
 CCC	 CSA	 UL		 EG-Konf.
				 ABS
Marine / Shipping		other		
 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?mfb=3SE7160-1BD00>

Cax online generator

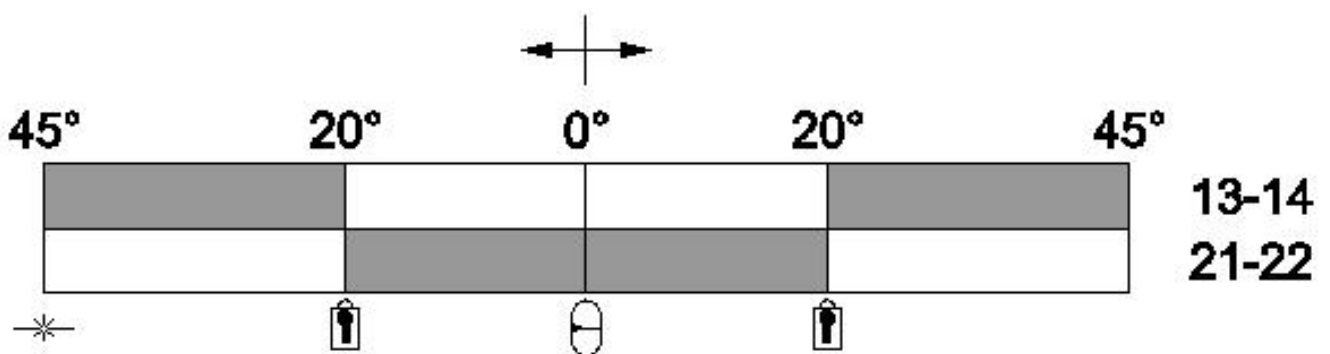
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SE7160-1BD00>

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

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

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SE7160-1BD00&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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