



Cable-operated switch Metal enclosure, 2x M20 x1.5; 2NC, with latching EN ISO 13850 and pushbutton release for wire lengths up to 5 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 (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 (day/month/year)	07/01/2006
Net Weight	0.408 g
Ambient conditions	
ambient temperature during operation	-25 ... +70 °C
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
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	Plastic
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	Yes
circuit principle	Jump function
material of the contact	Silver
number of switching contacts safety-related	2

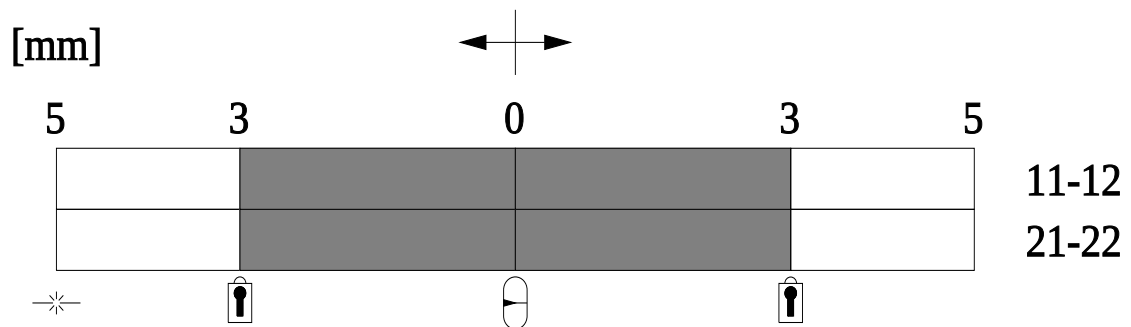
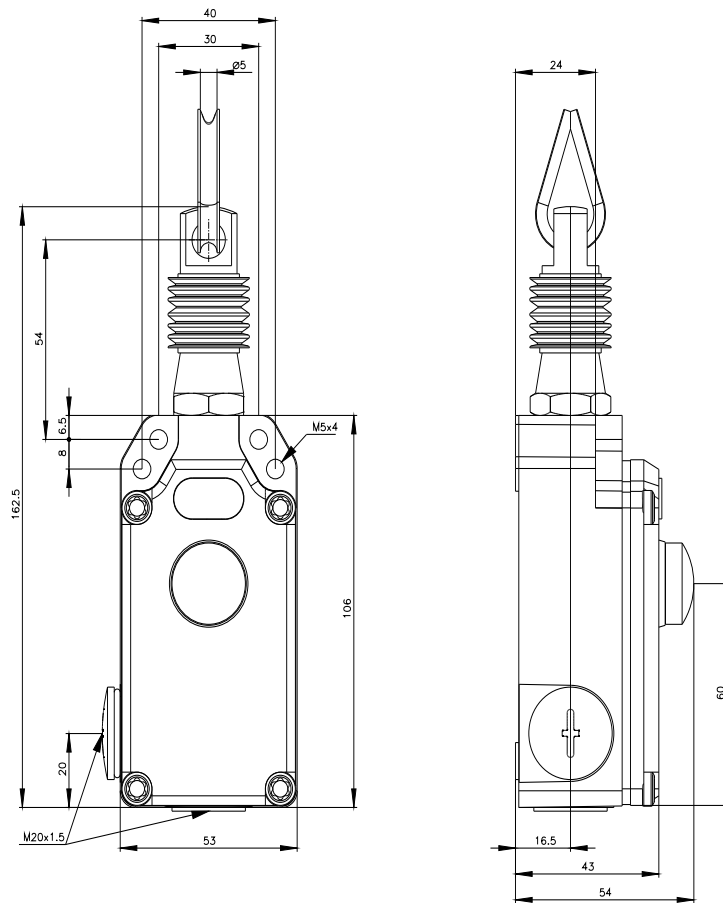
cable entry type	2x M20 x 1,5
Installation/ mounting/ dimensions	
fastening method	screw fixing
height	171 mm
width	52 mm
depth	54 mm
Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid	2x (0.5 ... 2.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 2.5 mm ²)
• for AWG cables solid	2x (20 ... 14)
• for AWG cables stranded	2x (20 ... 14)
Safety related data	
proportion of dangerous failures with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	100 000
Approvals Certificates	
General Product Approval	other



[Confirmation](#)

other	Environment
Confirmation	Environmental Confirmations
	

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=3SE7120-1BF00 Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7120-1BF00 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE7120-1BF00 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7120-1BF00&lang=en



 Verriegelung / Locking

➔ Betätigungsrichtung / Travel

 Mittelstellung / Middle position

✱ Seilriss / Rope rip

 Schaltglied geschlossen / Contact element closed

 Schaltglied geöffnet / Contact element open

