



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 (switching 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	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
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height	171 mm
width	52 mm
depth	54 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)

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	Declaration of Conformity
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[Confirmation](#)



EG-Konf.

Declaration of Conformity	Marine / Shipping	other
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LRS



PRS



DNV-GL

[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?mlfb=3SE7120-1BF00>

Cax online generator

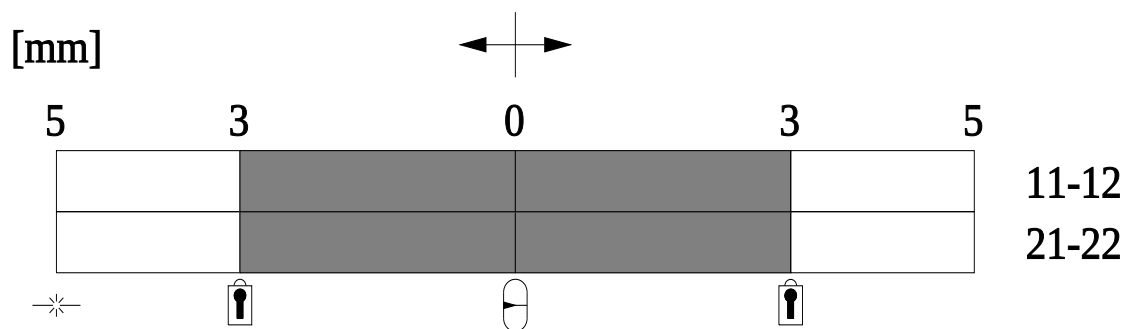
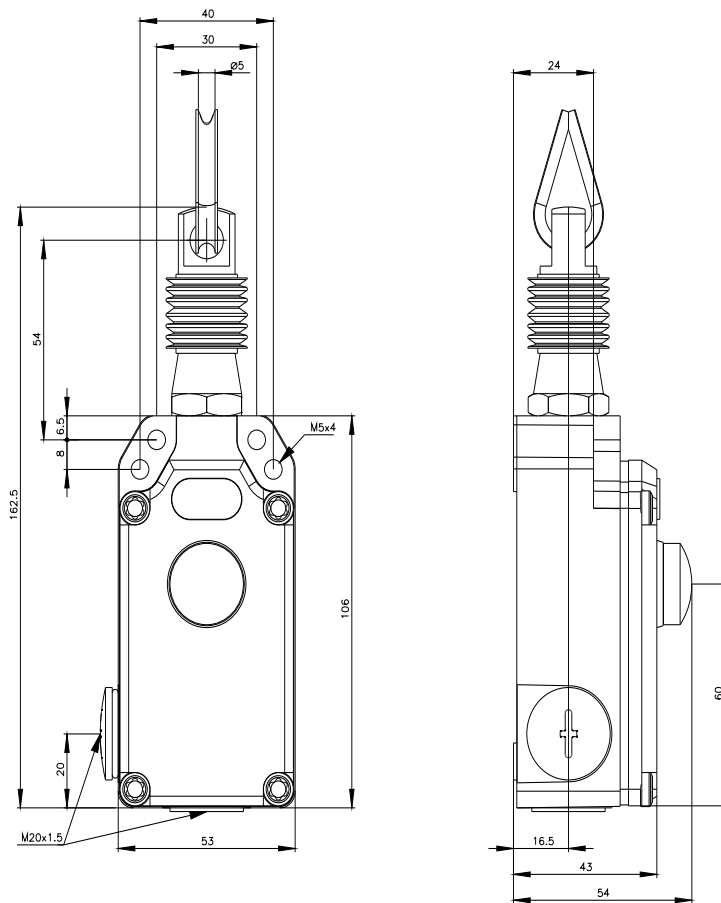
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7120-1BF00>

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, ...)

http://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

