SIEMENS

Data sheet | **3SE7140-1BF00**

Cable-operated switch Metal enclosure, 1x M20x1.5; 2 NC, with latching EN ISO 13850 and pushbutton release, for wire lengths up to 50 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 (Date)	07/01/2006
SVHC substance name	Lead - 7439-92-1
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	No
circuit principle	Jump function
material of the contact	Silver
number of switching contacts safety-related	2
cable entry type	1x M20 x 1,5

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Installation/ mounting/ dimensions	
fastening method	screw fixing
height	105 mm
width	167 mm
depth	71 mm

Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
● solid	2x (0.5 ... 2.5 mm²)
● finely stranded with core end processing	2x (0.5 ... 2.5 mm²)
● 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				Marine / Shipping	

CSA   [Confirmation](#)   CCC   DNV   LRS

Marine / Shipping	other

PRS   [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)
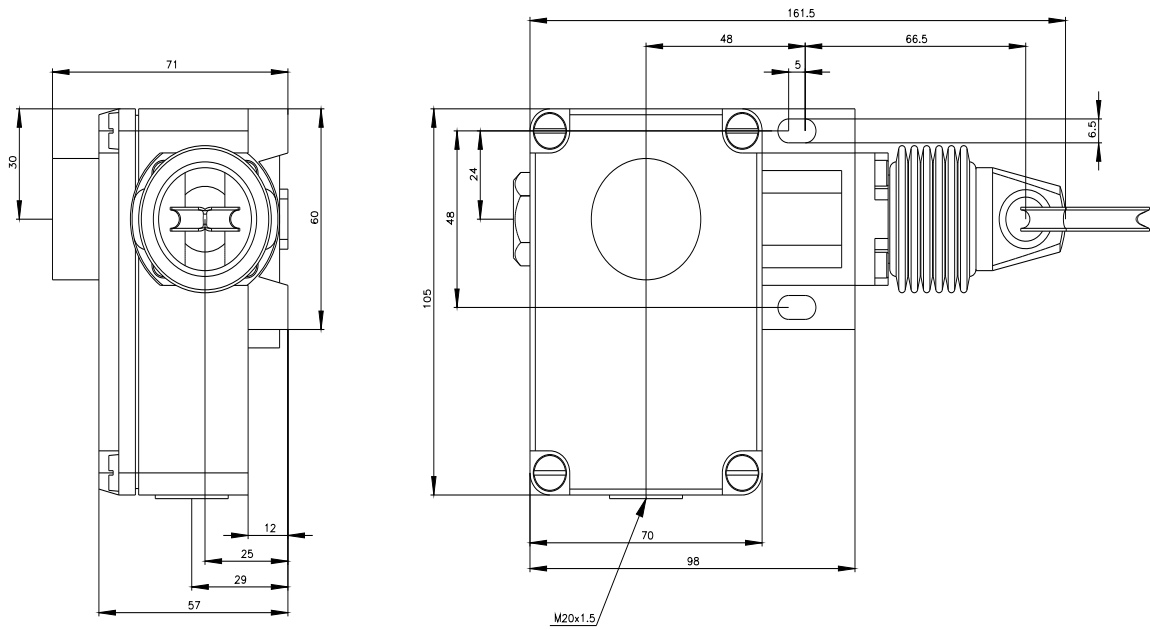https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE7140-1BF00
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7140-1BF00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE7140-1BF00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7140-1BF00&lang=en

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Dimensions (mm):
- 71
- 30
- 60
- 12
- 25
- 29
- 57
- 161.5
- 48
- 66.5
- 5
- 6.5
- 24
- 48
- 105
- 70
- 98
- M20x1.5

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