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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 (day/month/year)	07/01/2006
SVHC substance name	Lead CAS-No. 7439-92-1
Net Weight	0.795 kg
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

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number of switching contacts safety-related	2
cable entry type	1x M20 x 1,5
Installation/ mounting/ dimensions	
fastening method	screw fixing
height	105 mm
width	167 mm
depth	71 mm
Connections/ Terminals	
type of electrical connection	screw terminal
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	other
CSA, EAC, CCC, CE EG-Konf.	Confirmation, 产品合格 QC PASS

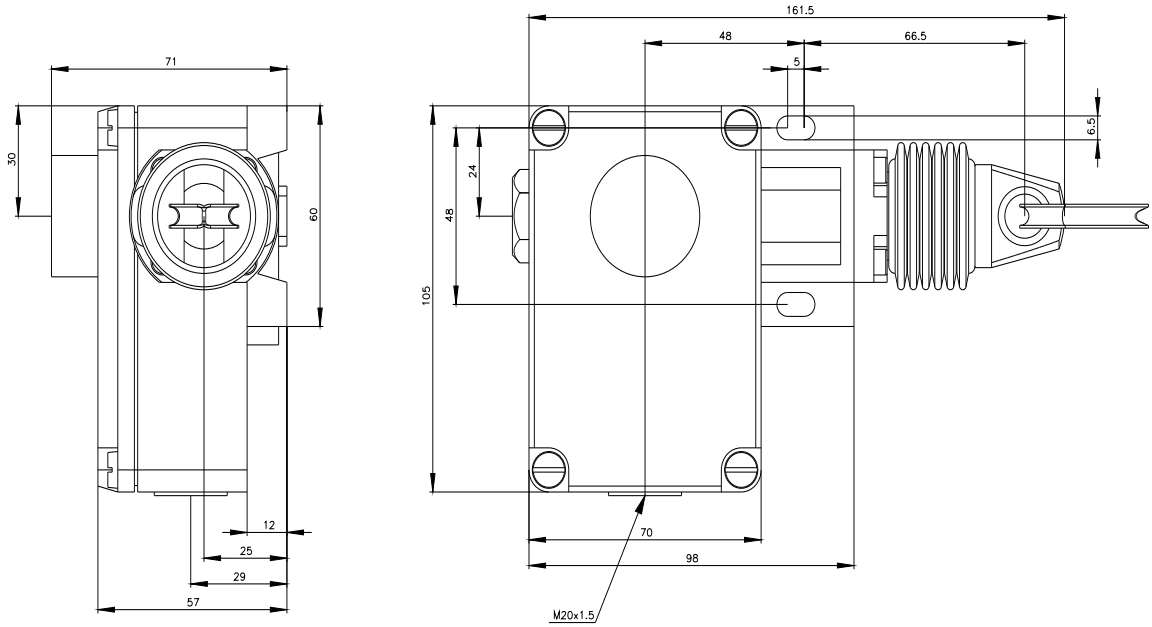
Environment

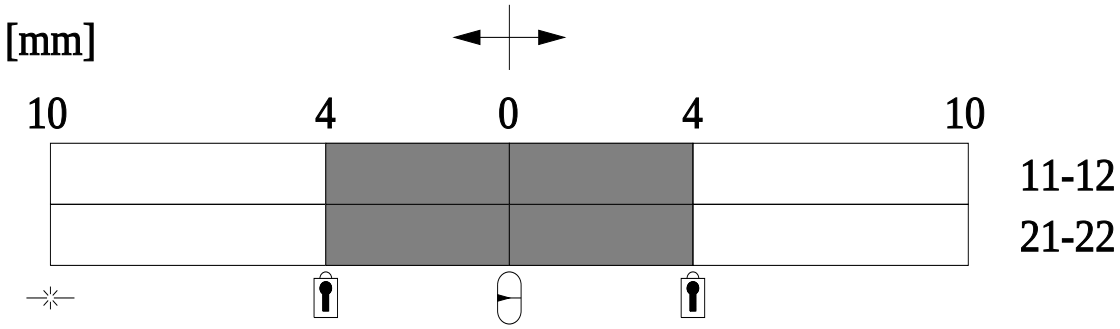
Environmental Confirmations

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=3SE7140-1BF00
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7140-1BF00&lang=en

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Verriegelung / Locking

Betätigungsrichtung / Travel

Mittelstellung / Middle position

Seilriss / Rope rip

Schaltglied geschlossen / Contact element closed

Schaltglied geöffnet / Contact element open

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