SIEMENS

Data sheet 3SE7150-1BH04



safety cable-operated switch metal enclosure, 2 xM20x1.5; with yellow cover with latching according to EN ISO 13850 button reset, with LED lamp 24 V DC, red, for wire lengths up to 20 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	Yes
insulation voltage rated value	250 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	2 A
reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG	2 A
Substance Prohibitance (day/month/year)	07/01/2006
Net Weight	440 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	1
operational current at AC-15	
● at 240 V rated value	2 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	yellow
coating of the enclosure	painted
Display	
product function status display	Yes
Lamp	
color of the light source	red
circuit principle	Jump function
material of the contact	Silver

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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	74 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)
Supply voltage	
type of voltage of the supply voltage of the light source	DC
supply voltage 1 of the light source at DC rated value	24 V
relative negative tolerance of the supply voltage	-15 %
relative positive tolerance of the supply voltage	10 %
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	
EAC	CE EG-Konf.	UKCA	CCC	Confirmation	产品合格 QC PASS

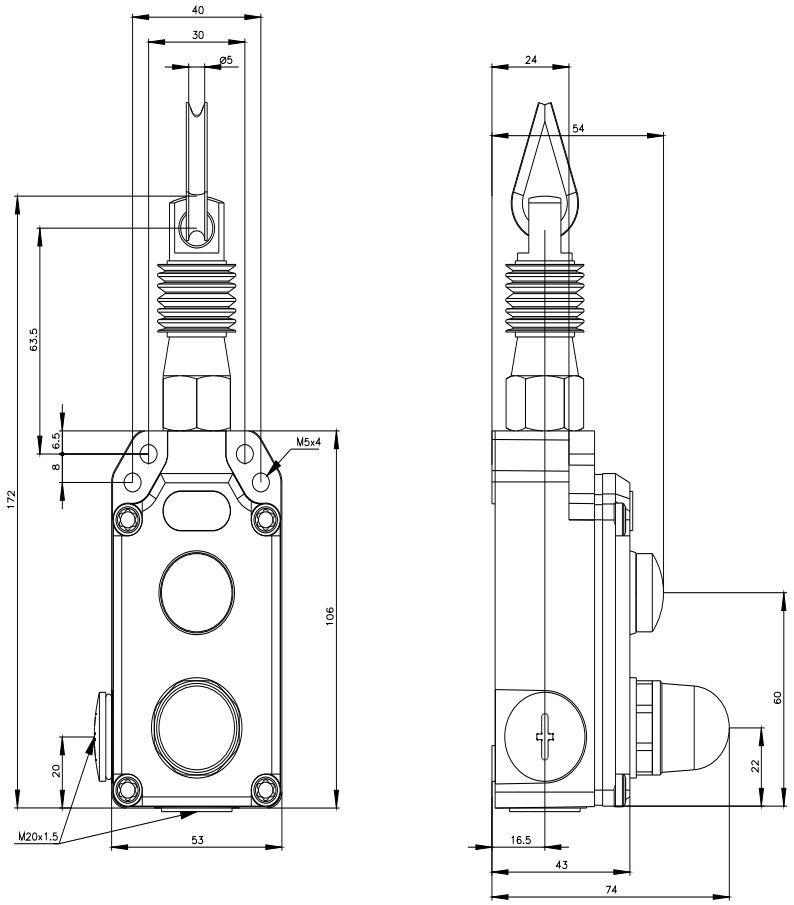
Environment

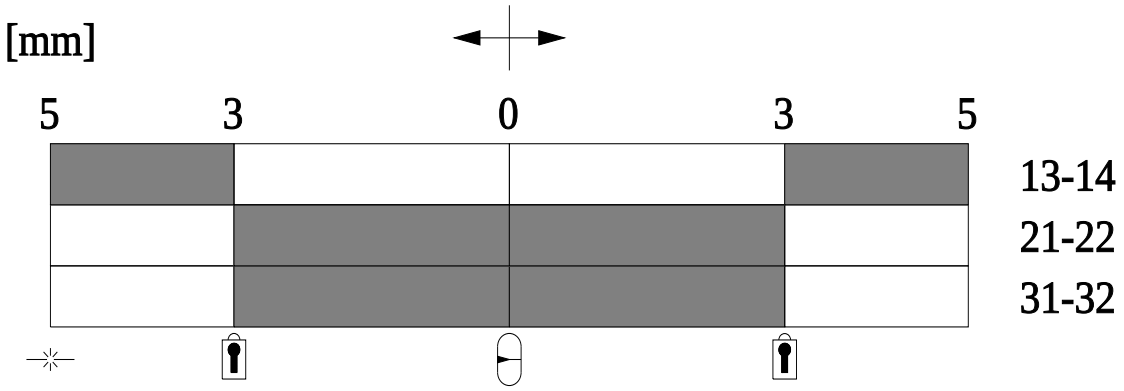
Environmental Confirmations

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=3SE7150-1BH04
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7150-1BH04
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE7150-1BH04
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7150-1BH04&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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