



cable-operated switch metal enclosure, 2x M20 x1.5; 1 NO+1 NC, without latching, for cable lengths up to 5 m, only Bowden cable function, 55 N spring, maximum actuating force 80 N

product brand name	SIRIUS
product designation	cable-operated switch
product type designation	3SE7
General technical data	
product function EMERGENCY STOP function	No
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	1 000 000
thermal current	6 A
reference code acc. to IEC 81346-2	S
continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date)	01.07.2006 00:00:00
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
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
circuit principle	Jump function
material of the contact	Silver
number of switching contacts safety-related	1
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)
- at AWG cables solid 2x (20 ... 14)
- at AWG cables stranded 2x (20 ... 14)

Safety related data

B10 value with high demand rate acc. to SN 31920	100 000
proportion of dangerous failures with high demand rate acc. to SN 31920	50 %
cable entry type	1x M20 x 1,5

Ambient conditions

ambient temperature during operation	-25 ... +70 °C
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Display

product function status display	No
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Installation/ mounting/ dimensions

fastening method	screw fixing
height	172 mm
width	53 mm
depth	43 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Marine / Shipping
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[Miscellaneous](#)



Marine / Shipping	other
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[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=3SE7120-2DD01>

Cax online generator

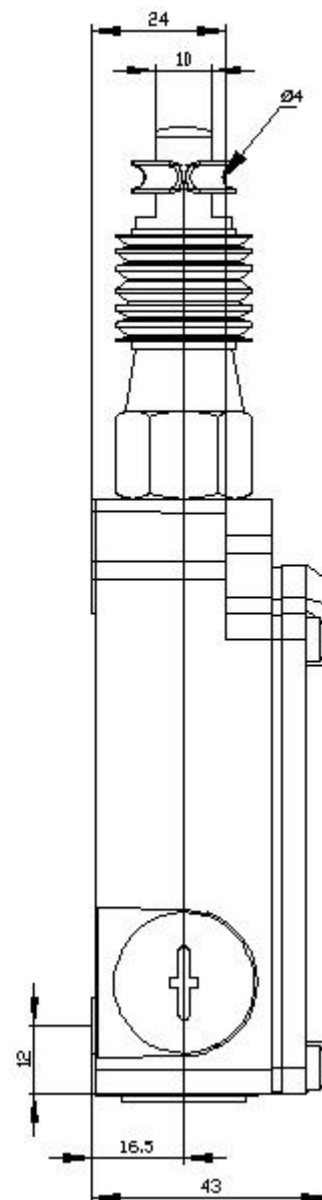
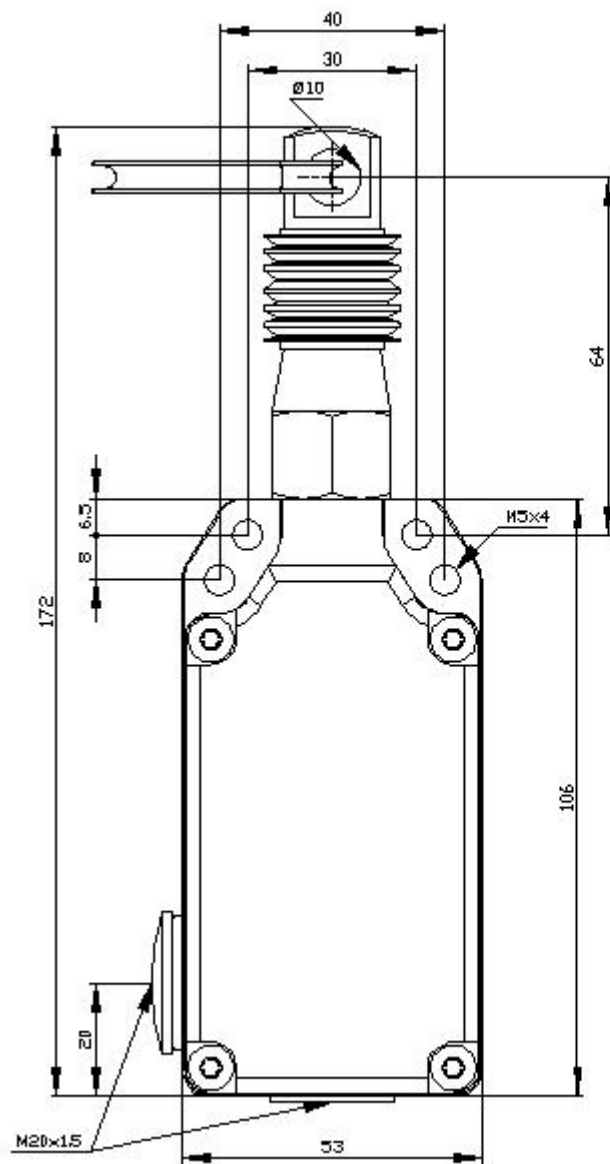
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE7120-2DD01>

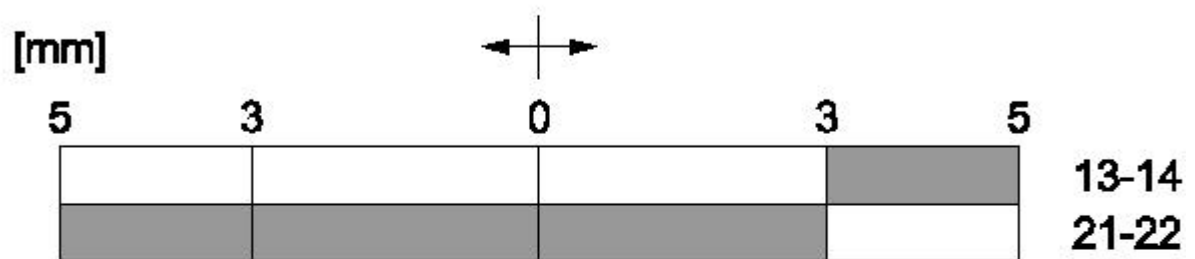
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE7120-2DD01>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7120-2DD01&lang=en





→ **Betätigungsrichtung / Travel**

 **Schaltglied geschlossen / Contact element closed**

 **Schaltglied geöffnet / Contact element open**

last modified:

12/23/2020 