SIEMENS

Data sheet 3SE7120-2DD01



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 (operating cycles) typical	1 000 000
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
Net Weight	427 g
Ambient conditions	
ambient temperature during operation	-25 ... +70 °C
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
Display	
product function status display	No
circuit principle	Jump function
material of the contact	Silver
number of switching contacts safety-related	1

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cable entry type	1x M20 x 1,5
Installation/ mounting/ dimensions	
fastening method	screw fixing
height	172 mm
width	53 mm
depth	43 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	
EAC	CE EG-Konf.	UK CA	CCC	Confirmation	产品合格 QC PASS

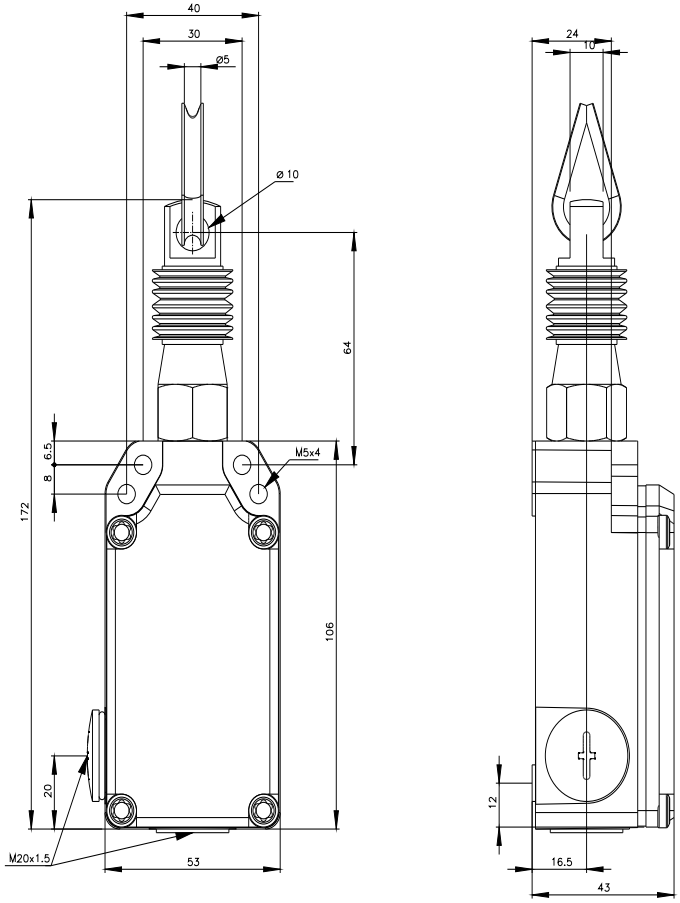
Environment

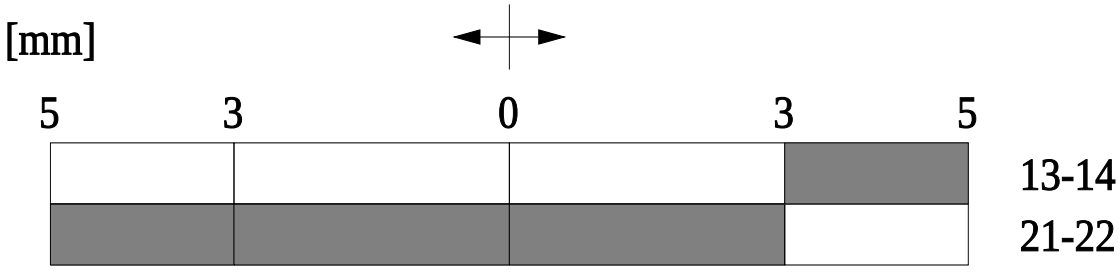
Environmental Confirmations

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=3SE7120-2DD01
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE7120-2DD01&lang=en

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