

22MM PLASTIC ROUND ACTUATOR: EMERGEN.-STOP
MUSHR.PUSHB. 40MM WITH CES KEY-OPER.SWITCH
LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK NO
SSG 10 Z=WITHOUT HOLDER RED

Design of the product

Single device round with positive latching in accordance with ISO 13850

Enclosure:

Number of command points

1

Actuator:

Design of the operating mechanism

Emergency stop mushroom pushbutton with lock

Manner of function of the actuating element

Latching

Product extension optional Light source

No

Color

- of the actuating element

Red

Material of the actuating element

plastic

Outer diameter of the actuating element

40.5 mm

Type of unlocking device

key unlatching

Number of switching positions

2

Switch position for key distraction

ON/OFF

Front ring:

Product component front ring

No

General technical data:

Product function

- EMERGENCY OFF function
- EMERGENCY STOP function

Yes

Yes

Protection class IP

IP66

Vibration resistance

- acc. to IEC 60068-2-6

20 ... 200 Hz: 5g

Operating frequency maximum

1 000 1/h

Mechanical service life (switching cycles)

- typical

300 000

Equipment marking

- acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750
- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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Safety related data:

B10 value	
• with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6

Installation/ mounting/ dimensions:

Mounting type	front mounting
Shape of the installation opening	round
Mounting diameter	22 mm
Mounting height	83 mm
Installation width	40.5 mm
Installation depth	29 mm

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
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CSA



UL



VDE



EG-Konf.

[spezielle
Prüfbescheinigunge
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Shipping Approval	other
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ABS



DNV



LRS



PRS



RINA

[Bestätigungen](#)

other

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[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3000-1KA20-Z B01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3000-1KA20-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-1KA20-Z B01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3000-1KA20-Z B01&lang=en

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