

22MM METAL ROUND ACTUATOR: EMERGEN.-STOP
MUSHR.PUSHB. 40MM WITH IKON KEY-OPER.SWITCH
LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK NO
360012K1 WITH 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

60 mm

Type of unlocking device

key unlatching

Number of switching positions

2

Switch position for key distraction

O

Lock make

ICON

Front ring:

Product component front ring

No

Holder:

Material of the holder

Metal

General technical data:

Product function

- EMERGENCY OFF function
- EMERGENCY STOP function

Yes

Yes

Protection class IP

IP67

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

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- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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Connections/ Terminals:

Tightening torque of the screws in the bracket 1.4 ... 1.6 N·m

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	80 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	Shipping Approval
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[spezielle
Prüfbescheinigungen](#)
[n](#)



Shipping Approval	other
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[Bestätigungen](#)

[Umweltbestätigung](#)

other

[sonstig](#)

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=3SB3500-1UA20>

Cax online generator

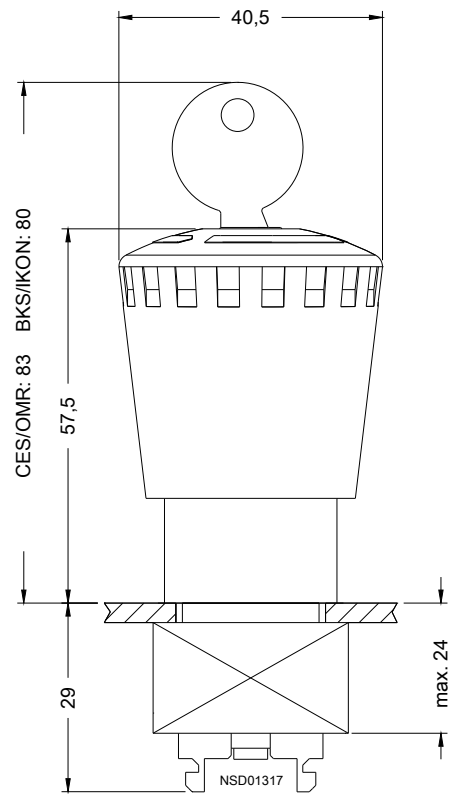
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3500-1UA20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3500-1UA20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3500-1UA20&lang=en



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