



22MM METAL ROUND COMPLETE UNIT COMBINATION:
EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCH.W. ROT.
-TO-UNLATCH MECH. WITH YELLOW BACKING PLATE
SPRING-LOADED TERMINAL,1NC+1NC WITH HOLDER
RED INSCRIPTION: EMERGEN.-STOP

Enclosure:	
Material / of the enclosure	metal
Form / of the enclosure front	round
Actuato/ signaling device:	
Design of the product	Complete unit round with positive latching in accordance with ISO 13850
Design of the operating mechanism	Emergency stop mushroom pushbutton
Functionality / of the actuator	Latching
Type of unlocking device	rotate-to-unlatch mechanism
Color / of the activation element	Red
Material / of the activation element	plastic
Number of switching positions	2
Product component / front ring	No
Holder:	
Material / of the holder	Metal
Contact block/ lampholder:	
Design of the electrical connection	spring-loaded terminals
Number of switching elements	2
Number of NC contacts / for auxiliary contacts	2

Number of NO contacts / for auxiliary contacts	0
Number of changeover contacts / for auxiliary contacts	0
Product function / positive opening	Yes
Number of lampholders	0
Product component / fluorescent materials	No
Product extension / optional / fluorescent materials	No

Accessories:

Product component / holder for 3 switching elements

No

General technical details:

Voltage type / of operating voltage

AC/DC

Operating voltage

- rated value

V

5 ... 400

Operating current

- at AC-12
 - at 24 V / rated value
 - at 48 V / rated value
 - at 110 V / rated value
 - at 230 V / rated value
 - at 400 V / rated value

A

10

A

10

A

10

A

10

A

10

- at AC-15

- at 24 V / rated value
- at 48 V / rated value
- at 110 V / rated value
- at 230 V / rated value
- at 400 V / rated value

A

6

A

6

A

6

A

6

A

3

- at DC-12

- at 24 V / rated value
- at 48 V / rated value
- at 110 V / rated value
- at 230 V / rated value

A

10

A

5

A

2.5

A

1

- at DC-13

- at 24 V / rated value
- at 48 V / rated value
- at 110 V / rated value
- at 230 V / rated value

A

3

A

1.5

A

0.7

A

0.3

- for devices without incandescent lamp / according to IEC 60068-2-27

<= 50g

Resistance against vibration / according to IEC 60068-2-6

20 ... 200 Hz: 5g

Operating cycles / maximum

1/h

1,000

Mechanical operating cycles as operating time / typical		300,000
Reference code		S
<ul style="list-style-type: none"> • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 		S
Tightening torque / of the screws in the bracket / maximum	N-m	1
<ul style="list-style-type: none"> • during operating • during storage 	°C	-25 ... +70
	°C	-40 ... +80
Protection class IP		IP67
B10 value / with high demand rate / according to SN 31920		100,000
Proportion of dangerous failures / with high demand rate / according to SN 31920	%	20
Proportion of dangerous failures / with low demand rate / according to SN 31920	%	20
Failure rate [FIT] / with low demand rate / according to SN 31920	FIT	100
T1 value / for proof test interval or service life / according to IEC 61508	a	20
climatic class / during the operating phase / according to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation hole		round
Installation width	mm	40.5
Mounting diameter	mm	22
Mounting height	mm	49
Mounting depth	mm	50

Certificates/ approvals:

General Product Approval



CCC



CSA



UL



EG-Konf.

Test Certificates

[Special Test Certificate](#)

Shipping Approval



ABS



DNV



LRS



PRS



RINA

other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3611-1HA20-0CC0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3611-1HA20-0CC0

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