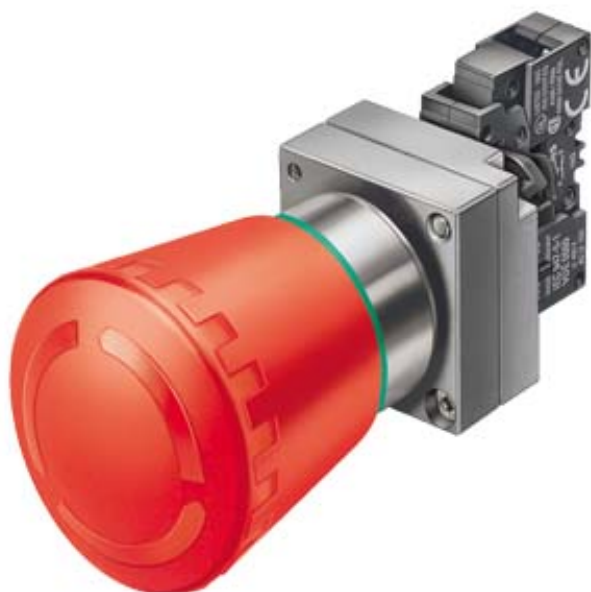




22MM METAL ROUND COMPLETE UNIT COMBINATION:
EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCH.W. ROT.
-TO-UNLATCH MECH. WITH YELLOW BACKING PLATE
SPRING-LOADED TERMINAL,
1NC WITH HOLDER RED INSCRIPTION: NOT-HALT

Enclosure:

Material / of the enclosure		metal
Form / of the enclosure front		round

Actuator / 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
Type of unlocking device		rotate-to-unlatch mechanism
Material / of the activation element		plastic
Number of switching positions		2
Product component / front ring		No

Holder:

Material / of the holder		Metal
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Contact block / lampholder

Design of the electrical connection		spring-loaded terminals
Number of switching elements		1
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / 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:

Type of voltage / of the operating voltage

AC/DC

Operating voltage

- rated value

V

5 ... 400

Operating current

- at AC-12

- at 24 V / rated value

A

10

- at 48 V / rated value

A

10

- at 110 V / rated value

A

10

- at 230 V / rated value

A

10

- at 400 V / rated value

A

10

- at AC-15

- at 24 V / rated value

A

6

- at 48 V / rated value

A

6

- at 110 V / rated value

A

6

- at 230 V / rated value

A

6

- at 400 V / rated value

A

3

- at DC-12

- at 24 V / rated value

A

10

- at 48 V / rated value

A

5

- at 110 V / rated value

A

2.5

- at 230 V / rated value

A

1

- at DC-13

- at 24 V / rated value

A

3

- at 48 V / rated value

A

1.5

- at 110 V / rated value

A

0.7

- at 230 V / rated value

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

Item designation

• according to DIN EN 61346-2 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
		S
Tightening torque / of the screws in the bracket / maximum	N·m	1
• 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 value) / 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
Type of mounting		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



GOST



UL

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:

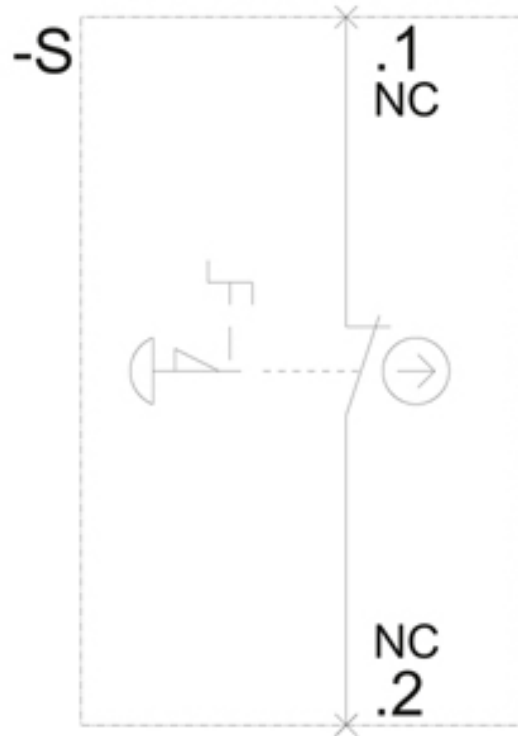
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3603-1HA20-0CC0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3603-1HA20-0CC0



last change:

Jan 21, 2013