

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



Design of the product	Complete unit round with positive latching in accordance with ISO 13850
Enclosure:	
Shape of the enclosure front	round
Material of the enclosure	plastic
Number of command points	1
Actuator:	
Design of the operating mechanism	Emergency stop mushroom pushbutton
Manner of function of the actuating element	Latching
Product expansion optional Light source	No
Color	
• of the actuating element	Red
Material of the actuating element	plastic
Type of unlocking device	rotate-to-unlatch mechanism
Number of switching positions	2
Front ring:	
Product component front ring	No
Holder:	

Material of the holder	Plastic
Contact block/ lampholder:	
Number of lampholders	0
Number of switching elements	1
General technical data:	
Product function	
• positive opening	Yes
• EMERGENCY STOP function	Yes
Product component	
• Light source	No
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	S
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Auxiliary circuit:	
Number of NC contacts	
• for auxiliary contacts	1
Number of NO contacts	
• for auxiliary contacts	0
Number of CO contacts	
• for auxiliary contacts	0
Operating current at AC-12	
• at 24 V rated value	10 A
• at 48 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
• at 400 V rated value	10 A
Operating current at AC-15	
• at 24 V rated value	6 A
• at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	3 A
Operating current at DC-12	

<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value 	10 A 5 A 2.5 A 1 A
Operating current at DC-13 <ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value 	3 A 1.5 A 0.7 A 0.3 A

Connections/ Terminals:

Type of electrical connection	screw-type terminals
--------------------------------------	----------------------

Safety related data:

B10 value with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures <ul style="list-style-type: none"> • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920 	20 % 20 %
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions:

Ambient temperature <ul style="list-style-type: none"> • during operation • during storage 	-25 ... +70 °C -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

Accessories:

Marking of backing plate	Yellow backing plate, inscription "NOT-HALT"
Product component holder for 3 switching elements	No

Certificates/approvals

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



[spezielle Prüfbescheinigung](#)
[n](#)

Shipping Approval	other
-------------------	-------



[Umweltbestätigung](#)

other

[Bestätigungen](#)

[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=3SB32031HA20>

Cax online generator

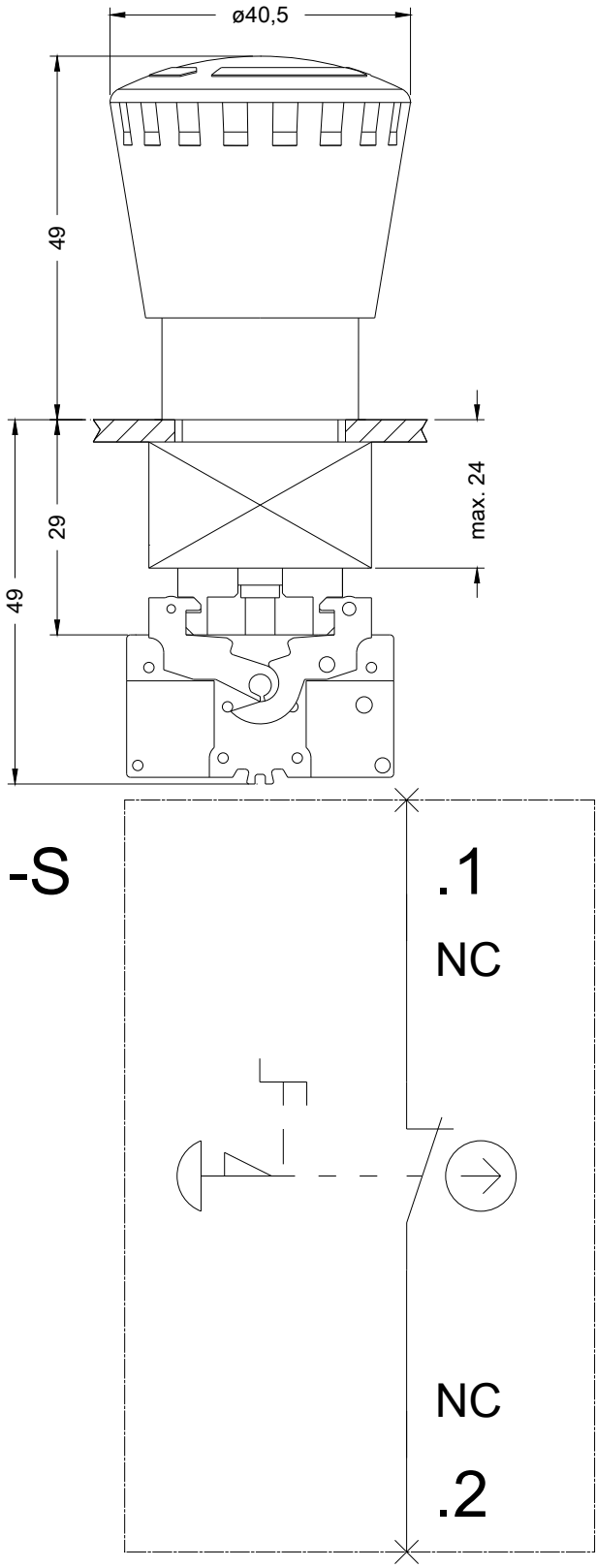
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB32031HA20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB32031HA20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB32031HA20&lang=en



last modified:

08.01.2016