

22MM METAL ROUND COMPLETE UNIT COMBINATION:  
EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCH.W. ROT.  
-TO-UNLATCH MECH. WITH YELLOW BACKING PLATE  
SCREW TERMINAL,  
1NO+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
--------------------------	-------

### Contact block / lampholder

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

<b>Product function / positive opening</b>		Yes
<b>Number of lampholders</b>		0
<b>Product component / fluorescent materials</b>		No
<b>Product extension / optional / fluorescent materials</b>		No

#### Accessories:

<b>Product component / holder for 3 switching elements</b>		No
--	--	----

#### General technical details:

<b>Type of voltage / of the operating voltage</b>		AC/DC
<b>Operating voltage</b>		
• rated value	V	5 ... 400
<b>Operating current</b>		
• 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
<b>Resistance against vibration / according to IEC 60068-2-6</b>		20 ... 200 Hz: 5g
<b>Operating cycles / maximum</b>	1/h	1,000
<b>Mechanical operating cycles as operating time / typical</b>		300,000
<b>Item designation</b>		

<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		S
<b>Tightening torque / of the screws in the bracket / maximum</b>	N·m	1
<ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>	°C	-25 ... +70
	°C	-40 ... +80
<b>Protection class IP</b>		IP67
<b>B10 value / with high demand rate / according to SN 31920</b>		100,000
<b>Proportion of dangerous failures / with high demand rate / according to SN 31920</b>	%	20
<b>Proportion of dangerous failures / with low demand rate / according to SN 31920</b>	%	20
<b>Failure rate (FIT value) / with low demand rate / according to SN 31920</b>	FIT	100
<b>T1 value / for proof test interval or service life / according to IEC 61508</b>	a	20
<b>climatic class / during the operating phase / according to EN 60721</b>		3K6
<b>Type of mounting</b>		front mounting
<b>Shape / of the installation hole</b>		round
<b>Installation width</b>	mm	40.5
<b>Mounting diameter</b>	mm	22
<b>Mounting height</b>	mm	49
<b>Mounting depth</b>	mm	63

#### 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:

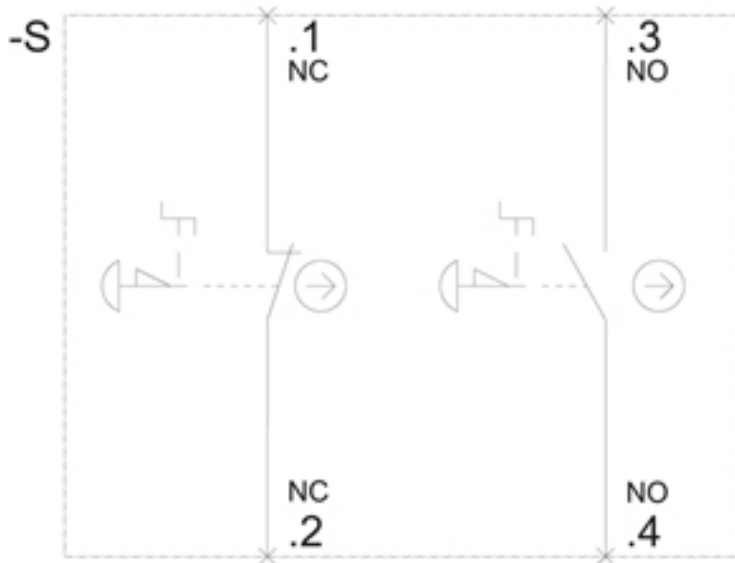
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3601-1HA20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3601-1HA20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3601-1HA20)



last change:

Jan 21, 2013