

22MM PLASTIC ROUND ACTUATOR: EMERGEN.-STOP  
MUSHR.PUSHB. 40MM WITH CES KEY-OPER.SWITCH  
LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK  
NO SSG 10 WITH HOLDER RED

**Actuator / signaling device:**

Design of the operating mechanism	Emergency stop mushroom pushbutton with lock	
Type of unlocking device	key unlatching	
Material / of the activation element	plastic	
Number of switching positions	2	
Switch position for key distraction	ON/OFF	
Product component / front ring	No	
Product function / EMERGENCY STOP function	Yes	

**Holder:**

Material / of holder	Plastic	
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**General technical details:**

Resistance against shock		
• 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	S	
• according to DIN EN 61346-2		

• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
<b>Tightening torque / of the screws in the bracket / maximum</b>	N·m	1
<b>Ambient temperature</b>		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +80
<b>Protection class IP</b>		IP66
<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	83
<b>Mounting depth</b>	mm	29

#### Certificates/approvals:

General Product Approval	Test Certificates
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CSA



GOST



UL

[Special Test Certificate](#)

#### Shipping Approval



ABS



BUREAU  
VERITAS  
1828



DNV



LRS



PRIS



RINA

#### other

[Confirmation](#)

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#### 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:**

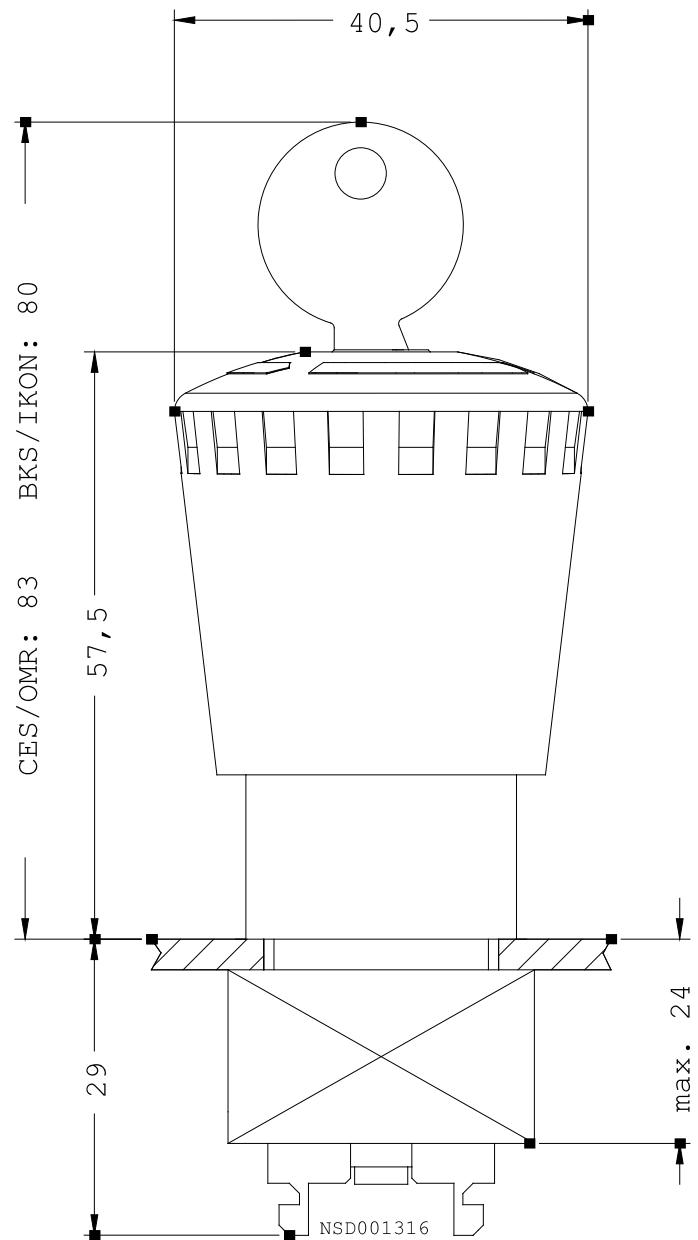
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3000-1KA20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3000-1KA20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3000-1KA20)



**last change:**

Jul 17, 2012