# **SIEMENS**

Product data sheet 3SB3110-1KA20



26X26MM PLASTIC SQUARE ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCHING WITH KEY-OPER.SWITCH- WITH CES KEY-OPER.SWITCH LOCK NO SSG 10 WITH HOLDER RED

Actuato/ signaling device:			
Design of the product	Single device square with positive latching in accordance with ISO 13850		
Design of the operating mechanism	Emergency stop mushroom pushbutton with lock		
Functionality / of the actuator	Latching		
Type of unlocking device	key unlatching		
Color / of the activation element	Red		
Material / of the activation element	plastic		
Number of switching positions	2		
Switch position for key distraction	O+I		
Product component / front ring	No		
Product function / EMERGENCY STOP function	Yes		
Holder:			

General technical details:				
Resistance against shock				
<ul> <li>for devices without incandescent lamp / according to IEC 60068- 2-27</li> </ul>		<= 50g		
Resistance against vibration / according to IEC 60068-2-6		20 200 Hz: 5g		
Operating cycles / maximum	1/h	1,000		

Plastic

Material / of the holder

Mechanical operating cycles as operating time / typical		300,000
Reference code		
<ul> <li>according to DIN EN 61346-2</li> </ul>		S
<ul> <li>according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>		S
Tightening torque / of the screws in the bracket / maximum	N∙m	1
Ambient temperature		
during operating	°C	-25 +70
during storage	°C	-40 +80
Protection class IP		IP66
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	а	20
climatic class / during the operating phase / according to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation hole		square
Installation width	mm	40.5
Mounting height	mm	83
Mounting depth	mm	29

# Certificates/ approvals:

**General Product Approval** 

Declaration of Conformity

**Test Certificates** 









Special Test Certificate

## **Shipping Approval**











### 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

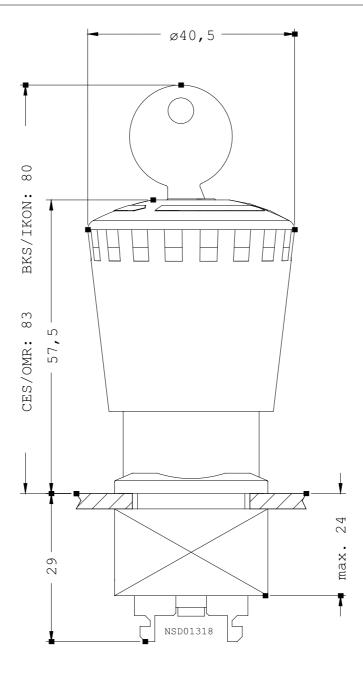
http://www.siemens.com/cax

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

http://support.automation.siemens.com/WW/view/en/3SB3110-1KA20/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SB3110-1KA20



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