SIEMENS

Product data sheet 3SB3000-1BA20



22MM PLASTIC ROUND ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 40MM WITH RONIS KEY-OPER.SWITCH LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK NO SB30 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 the holder	Plastic			

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				
according to DIN EN 61346-2		S		

 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		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 value) / 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
Type of mounting		front mounting
Shape / of the installation hole		round
Installation width	mm	40
Mounting diameter	mm	22
Mounting height	mm	23.5
Mounting depth	mm	29

Certificates/approvals:

General Product Approval







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)

 $\underline{\text{http://www.siemens.com/industrial-controls/mall}}$

Cax online generator:

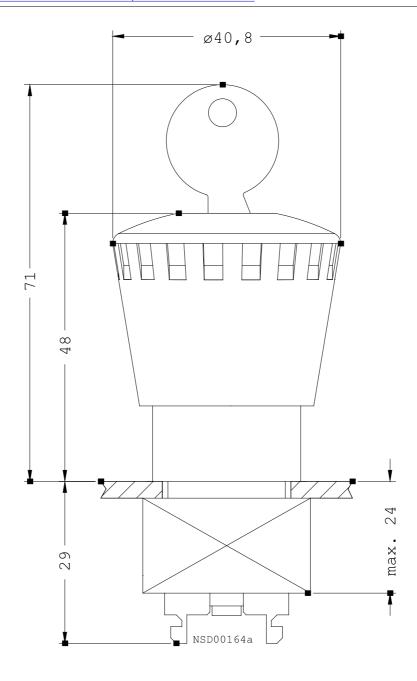
http://www.siemens.com/cax

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

http://support.automation.siemens.com/WW/view/en/3SB3000-1BA20/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3000-1BA20



last change: Jan 21, 2013