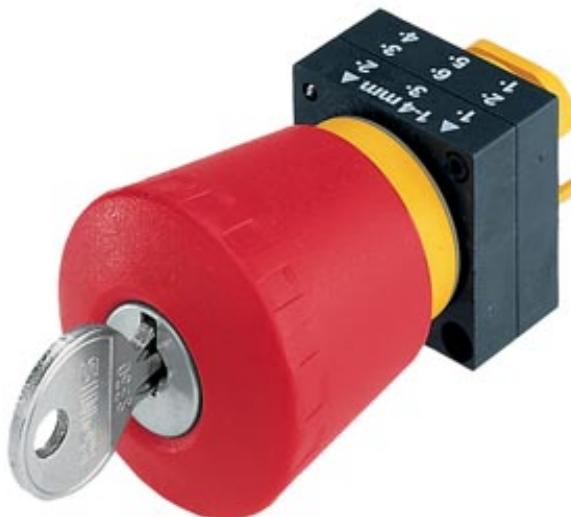# SIEMENS

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	a	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**
CSA GOST UL	Special Test Certificate

Shipping Approval

ABS   BUREAU VERITAS   DNV   LRS   PRS   RINA

other

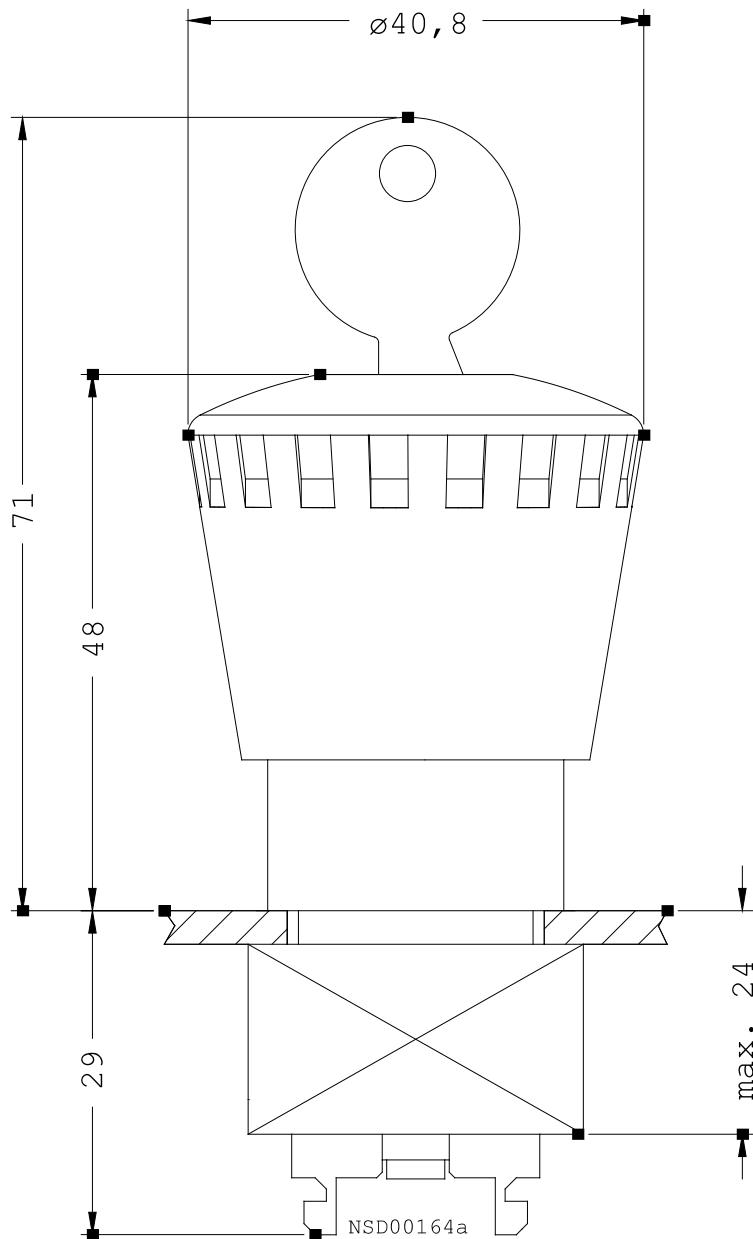Confirmation   other   Environmental Confirmations

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

⌀40,8

71

48

29

max. 24

NSD00164a

last change: Dec 3, 2012