



22MM METAL ROUND ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 40MM WITH RONIS KEY-OPER.SWITCH LATCHING WITH KEY-OPER.SWITCH- UNLOCKING RED LOCK NO SB30 WITH HOLDER POSSIBLE SPECIAL CLOSURES: 3SB31, 421, 455

Actuator / signaling device:

Design of the product		Single device round with positive latching in accordance with ISO 13850
Design of the operating mechanism		Emergency stop mushroom pushbutton with lock
External diameter / of the activation element	mm	40
Type of unlocking device		key unlatching
Color / of the activation element		Red
Material / of the activation element		plastic
Make of the lock		RONIS
Number of switching positions		2
Switch position for key distraction		O+I
Product component / front ring		No
Product function / EMERGENCY STOP function		Yes

Holder:

Material / of the holder		Metal
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General technical details:

Resistance against shock		
<ul style="list-style-type: none"> 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
Product extension / optional / fluorescent materials		No
Item designation <ul style="list-style-type: none"> • according to DIN EN 61346-2 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		S S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature <ul style="list-style-type: none"> • during operating • during storage 	°C °C	-25 ... +70 -40 ... +80
Protection class IP		IP67
B10 value / with high demand rate / according to SN 31920		100,000
Proportion of dangerous failures <ul style="list-style-type: none"> • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 	% %	20 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	40.5
Mounting diameter	mm	22
Mounting height	mm	71
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)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator:

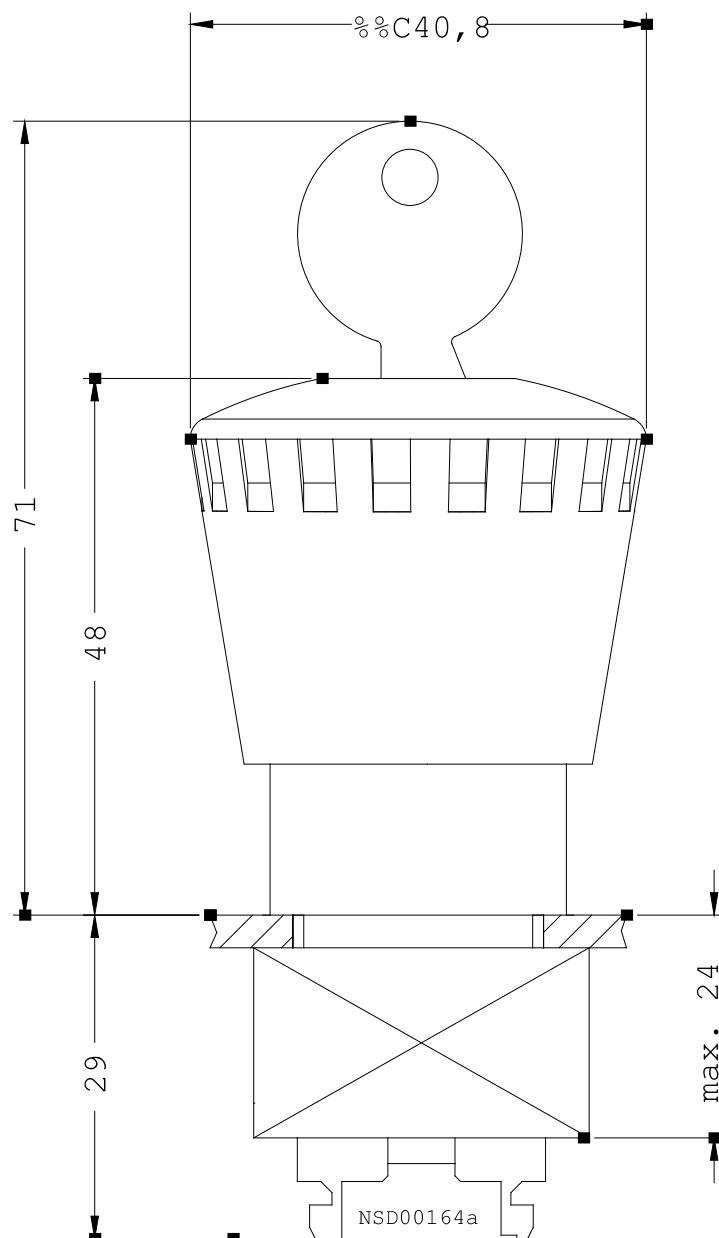
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-1BA20/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-1BA20



last change:

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