

22MM METAL ROUND ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 40MM WITH IKON KEY-OPER.SWITCH LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK NO 360012K1 WITHOUT HOLDER RED Z= 20 UNITS PACKED

Actuator:		
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	60
Functionality / of the actuator		Latching
Type of unlocking device		key unlatching
Color / of the activation element		Red
Material / of the activation element		plastic
Make of the lock		ICON
Number of switching positions		2
Switch position for key distraction		O
Product component / front ring		No
Product function / EMERGENCY STOP function		Yes

Holder:		
Material / of the holder		Metal

General technical data:		
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
Product extension / optional / fluorescent materials		No
Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S 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
<b>Protection class IP</b>		IP67
<b>B10 value / with high demand rate / according to SN 31920</b>		100,000
<b>Proportion of dangerous failures</b>		
• with high demand rate / according to SN 31920	%	20
• with low demand rate / according to SN 31920	%	20
<b>Failure rate [FIT] / 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>Mounting type</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	80
<b>Mounting depth</b>	mm	29

#### Certificates/ approvals:

##### General Product Approval



EG-Konf.

##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



ABS



DNV



LRS



PRS



RINA

#### 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/3SB3500-1UA20-ZB01X90/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3500-1UA20-ZB01X90](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-1UA20-ZB01X90)

last change:

Jul 7, 2014