

ROUND ACTUATOR KEY SWITCH, CES,
I-O-II WITH 2 KEYS LATCHING ON THE LEFT MOMENT.
CONTACT ON THE RIGHT WITH HOLDER,
METAL, LOCK NO. STGH 10, O+I,

Actuator:

Design of the product		Single device round
Design of the operating mechanism		Key-operated switch
External diameter / of the activation element	mm	28.5
Functionality / of the actuator		Latching (left), momentary contact (right)
Type of unlocking device		key unlatching
Color / of the activation element		Silver
Material / of the activation element		metal
Make of the lock		CES
Number of switching positions		3
Switch position for key distraction		I+O
Actuating angle		
• clockwise	°	50
• anticlockwise	°	50
Product component / front ring		Yes
Material / of the front ring		metal
Color / of the front ring		silver
Design of the front ring		Standard
Product function / EMERGENCY STOP function		No

Holder:

Material / of the holder		Metal
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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 • during storage	°C	-25 ... +70
	°C	-40 ... +80
Protection class IP		IP67
B10 value / with high demand rate / according to SN 31920		50,000
Proportion of dangerous failures		
• with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920	%	20
	%	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	a	20
climatic class / during the operating phase / according to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation hole		round
Installation width	mm	28.5
Mounting diameter	mm	22
Mounting height	mm	64
Mounting depth	mm	29

Certificates/ approvals:

General Product Approval



EG-Konf.

Test Certificates

[Special Test Certificate](#)

Shipping Approval



ABS



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>

Cax online generator

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

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-4RR51/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-4RR51

last change:

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