



22MM METAL ROUND ACTUATOR: CES KEY-
OPER.SWITCH WITH 2 KEYS LATCHING 2 SWITCH
POSITIONS O-I LOCK NO VL5,
REMOVAL POS. O+I WITH HOLDER

Actuator:

Design of the product		Single device round
Design of the operating mechanism		Key-operated switch
Outer diameter / of the actuating element	mm	28.5
Manner of function / of the actuating element		Latching
Type of unlocking device		key unlatching
Color / of the actuating element		Silver
Material / of the actuating element		metal
Lock make		CES
Number of switching positions		2
Switch position for key distraction		O+I
Actuating angle		
• clockwise	°	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
General technical data:		
Shock resistance		
• for devices without incandescent lamp / acc. to IEC 60068-2-27		<= 50g
Vibration resistance / acc. to IEC 60068-2-6		20 ... 200 Hz: 5g
Operating frequency / maximum	1/h	1,000
Mechanical service life (switching cycles) / typical		300,000
Product expansion / optional / Light source		No
Reference code		
• acc. to DIN EN 61346-2		S
• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +80
Protection class IP		IP67
B10 value / with high demand rate / acc. to SN 31920		50,000
Proportion of dangerous failures		
• with high demand rate / acc. to SN 31920	%	20
• with low demand rate / acc. to SN 31920	%	20
Failure rate [FIT] / with low demand rate / acc. to SN 31920	FIT	100
T1 value / for proof test interval or service life / acc. to IEC 61508	a	20
Climate class / during operation / acc. to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation opening		round
Installation width	mm	28.5
Mounting diameter	mm	22
Mounting height	mm	64
Installation depth	mm	29
Certificates/ approvals:		

General Product Approval			Declaration of Conformity	Test Certificates
 CSA		 UL	 EG-Konf.	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/3SB3500-4LD11-0VL0/all				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-4LD11-0VL0				

last change:

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