

EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, plastic, red, 30 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch



product brand name	SIRIUS ACT
product designation	EMERGENCY STOP mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic, black, 22 mm

Enclosure

Number of command points	1
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Actuator

design of the operating mechanism	positive latching
manner of function of the actuating element	latching
product extension optional light source	Yes
• color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
Outer diameter of the actuating element	33.8 mm
Type of unlocking device	rotate-to-unlatch mechanism
Number of switching positions	2

Front ring

Product component front ring	No
General technical data	
• product function positive opening	Yes
• product function EMERGENCY OFF function	Yes
• Product function EMERGENCY STOP function	Yes
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• shock resistance acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• Shock resistance for railway applications acc. to DIN EN 61373	Category 1, Class B
• vibration resistance acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• Vibration resistance for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	600 1/h
• mechanical service life (switching cycles) typical	300 000
reference code acc. to DIN EN 81346-2	S
Safety related data	
B10 value	
• with high demand rate acc. to SN 31920	100 000
proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
• failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y
Ambient conditions	
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)
Installation/ mounting/ dimensions	
Shape of the installation opening	round
mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
mounting height	44.2 mm
installation width	33.8 mm
installation depth	26.3 mm
Certificates/ approvals	

General Product Approval				Declaration of Conformity	
 CSA	 UL	 VDE		 EG-Konf.	Miscellaneous

Test Certificates	Marine / Shipping				
Special Test Certificate	Type Test Certificates/Test Report	 ABS	 LRS	 PRS	 RINA

Marine / Shipping	other
 RMRS	Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-1GB20-0AA0>

Cax online generator

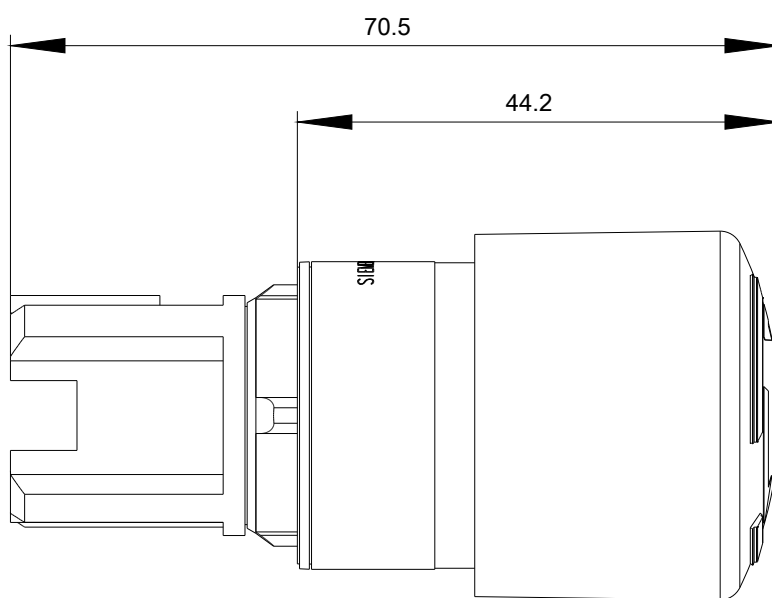
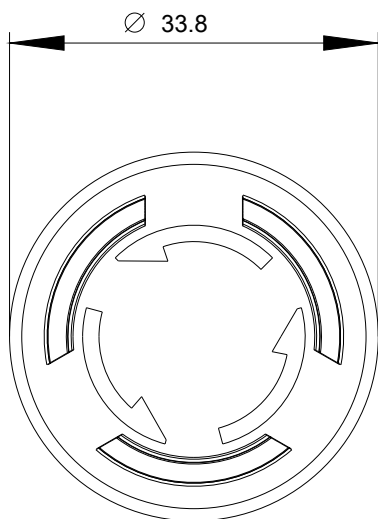
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1GB20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1GB20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1GB20-0AA0&lang=en



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08/19/2020