



EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, with lock Siemens, lock no. SSP9, positive latching, according to DIN EN ISO 13850, key-operated release

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 actuating element	positive latching
principle of operation of the actuating element	latching
product extension optional	
• light source	No
• contact module	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	40 mm
type of unlocking device	Unlocking
number of switching positions	2
switch position for key distraction	O
lock make	CES
key number	SSP9

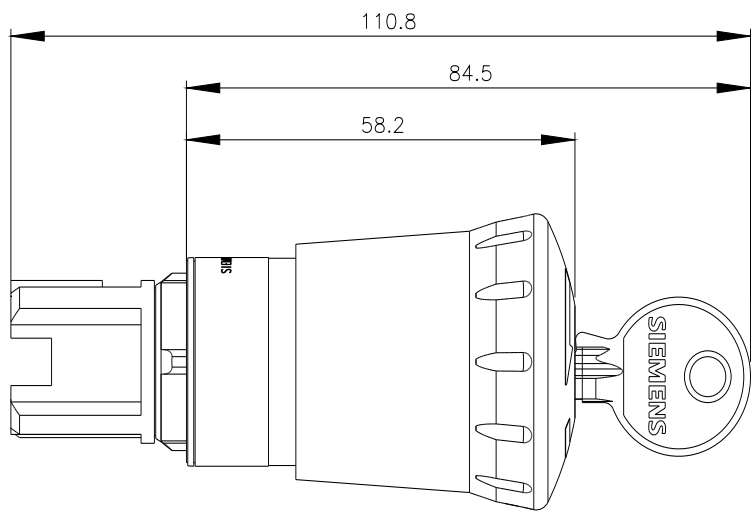
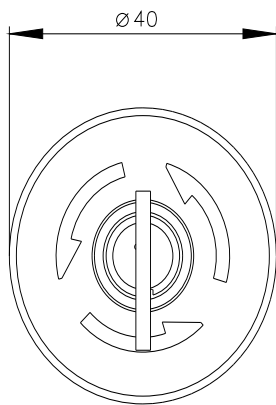
Front ring

product component front ring	No
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General technical data

product function	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• 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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	600 1/h
mechanical service life (switching cycles) typical	300 000
reference code according to IEC 81346-2	S

Substance Prohibittance (Date)		10/01/2014			
Safety related data					
B10 value with high demand rate according to SN 31920	100 000				
proportion of dangerous failures					
• with low demand rate according to SN 31920	20 %				
• with high demand rate according to SN 31920	20 %				
failure rate [FIT] with low demand rate according to SN 31920	100 FIT				
Ambient conditions					
ambient temperature					
• during operation	-25 ... +70 °C				
• during storage	-40 ... +80 °C				
environmental category during operation according 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	84.5 mm				
installation width	40 mm				
installation depth	26.3 mm				
Certificates/ approvals					
General Product Approval		Declaration of Conformity			
 CSA Confirmation  UL  VDE  					
Declaration of Conformity	Test Certificates	Marine / Shipping			
 EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report	 ABS	 LRS	 PRS
Marine / Shipping	other				
 RINA	 RMRS	Confirmation	Environmental Confirmations		
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=3SU1000-1HS20-0AA0					
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HS20-0AA0					
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HS20-0AA0					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HS20-0AA0&lang=en					



last modified:

1/27/2022 