



EMERGENCY STOP mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, with lock Siemens, lock number SSG10, 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	Metal, shiny, 22 mm
Enclosure	
number of command points	1
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	SSG10
Front ring	
product component front ring	No
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
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	600 1/h
mechanical service life (operating cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibance (Date)	10/01/2014

Safety related data		
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
B10 value with high demand rate according to SN 31920		100 000
IEC 62061		
T1 value for proof test interval or service life according to IEC 61508		20 a
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
Approvals Certificates		
General Product Approval		Declaration of Con- formity
 Confirmation    		
Declaration of Con- formity	Test Certificates	Marine / Shipping
 Special Test Certificate Type Test Certificates/Test Report   		
Marine / Shipping	other	Environment
 Confirmation Environmental Confirmations		

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1050-1HR20-0AA0>

Cax online generator

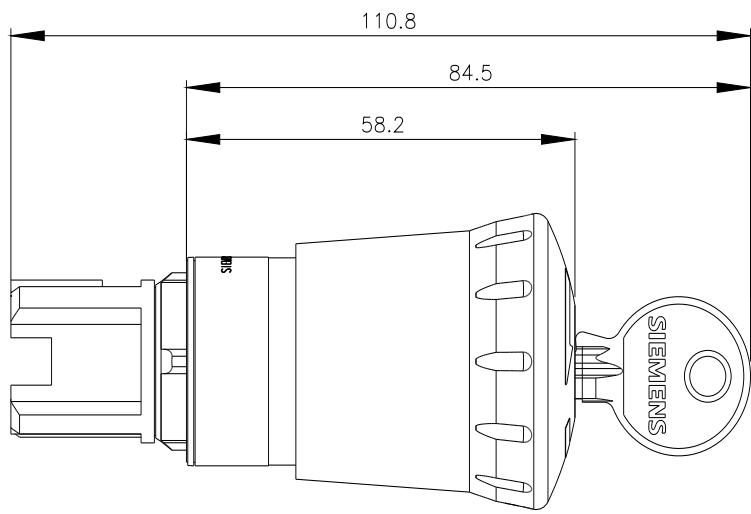
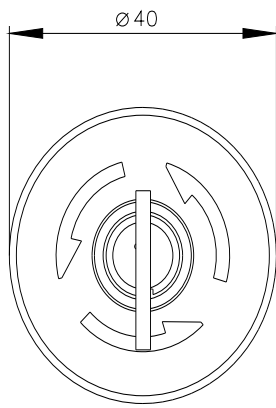
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1HR20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1HR20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1HR20-0AA0&lang=en



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