

Siemens
EcoTech

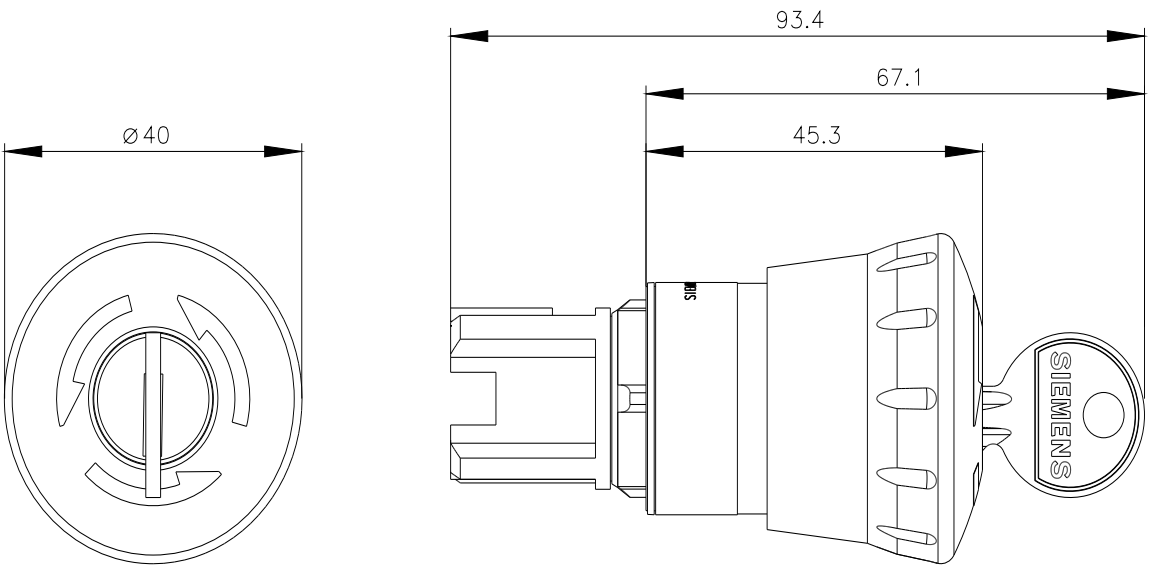


EMERGENCY STOP mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, with RONIS lock, lock number 455, positive latching, acc. to EN ISO 13850, key-operated release



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	RONIS
key number	455
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 Prohibittance (Date)	10/01/2014	
Safety related data		
proportion of dangerous failures - with low demand rate according to SN 31920 - with high demand rate according to SN 31920	20 % 20 %	
B10 value with high demand rate according to SN 31920	100 000	
failure rate [FIT] with low demand rate according to SN 31920	100 FIT	
Ambient conditions		
ambient temperature - during operation - during storage	-25 ... +70 °C -40 ... +80 °C	
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)	
Environmental footprint		
Environmental Product Declaration (EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.593 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.625 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
Global Warming Potential [CO2 eq] after end of life	-0.267 kg	
Siemens Eco Profile (SEP)	Siemens EcoTech	
Installation/ mounting/ dimensions		
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	67.1 mm	
installation width	40 mm	
installation depth	26.3 mm	
Approvals Certificates		
General Product Approval		
 CSA  EG-Konf. Confirmation   UL US  UL		
General Product Approval	Test Certificates	Marine / Shipping
 VDE 	Type Test Certificates/Test Report Special Test Certificate	 ABS  LRS
Marine / Shipping	other	Environment
 PRS  RINA	Confirmation	 EPD  Siemens EcoTech 
Further information		
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=3SU1050-1HG20-0AA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1HG20-0AA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1HG20-0AA0		



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