SIEMENS

Data sheet

3SU1000-1HA20-0AA0



EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, positive latching, acc. to EN ISO 13850, pull-to-unlatch mechanism

product designation	product brand name	SIRIUS ACT	
design of the product product type designation product type designation product line Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional elight source contact module color of the actuating element material of the actuating element pouter diameter of the actuating element type of unlocking device number of switching positions Front ring product component front ring General technical data product function e positive opening element Yes Pes Pes Pes Pes Pes Pes Pes			
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degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance			
shock resistance			
• acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms		,, =, 0, 0.1, 1, 1.1, 1.2, 10	
	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms	
• for railway applications acc. to DIN EN 61373 Category 1, Class B	for railway applications acc. to DIN EN 61373		
vibration resistance			
• acc. to IEC 60068-2-6 10 500 Hz: 5g	• acc. to IEC 60068-2-6	10 500 Hz: 5g	
• for railway applications acc. to DIN EN 61373 Category 1, Class B	• for railway applications acc. to DIN EN 61373		
operating frequency maximum 600 1/h			
mechanical service life (operating cycles) typical 300 000		300 000	

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reference code acc. to IEC 81346-2	S
Substance Prohibitance (Date)	01.10.2014 00:00:00
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	
ambient temperature	
 during operation 	-25 +70 °C
during storage	-40 +80 °C
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	45.3 mm
installation width	40 mm
installation depth	26.3 mm
Certificates/ approvals	



General Product Approval









Declaration of Conformity

Test Certificates

Marine / Shipping







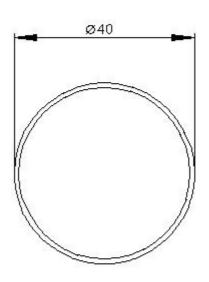


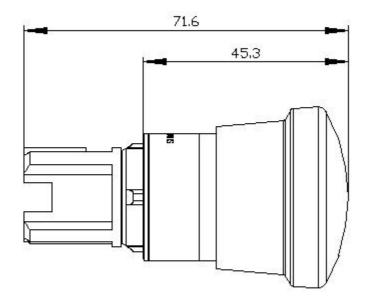
Marine / Shipping

other



Further information





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