

EM. STOP MUSHROOM PUSHBUTTON, 22MM, ROUND,
PLASTIC, RED, 40MM, POSITIVE LATCHING, PULL TO UNLATCH
SIRIUS ACT

product brandname

SIRIUS ACT

Enclosure

Number of command points

1

Actuator

Design of the operating mechanism

EMERGENCY STOP mushroom pushbutton; tamper-proof

Manner of function of the actuating element

Latching

Product extension optional Light source

No

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

pull-to-unlatch mechanism

Number of switching positions

2

Front ring

Product component front ring

No

General technical data

Product function

- positive opening
- EMERGENCY OFF function
- EMERGENCY STOP function

Yes

Yes

Yes

Protection class IP

IP66, IP67, IP69(IP69K)

Degree of protection NEMA rating

NEMA 1, 2, 3, 3R, 4, 4X, 12

Shock resistance

- acc. to IEC 60068-2-27
- for railway applications acc. to DIN EN 61373

Sinusoidal half-wave 50 g / 11 ms

Category 1, Class B

Vibration resistance

- acc. to IEC 60068-2-6
- for railway applications acc. to DIN EN 61373

10 ... 500 Hz: 5g

Category 1, Class B

Operating frequency maximum

600 1/h

Mechanical service life (switching cycles)

- typical

300 000

Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 61346-2

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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
				
CSA	UL	VDE	EG-Konf.	Werksbescheinigung
Test Certificates	other			
spezielle Prüfbescheinigungen	Bestätigungen			

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-1HA20-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HA20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HA20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HA20-0AA0&lang=en

last modified:

12/19/2016