

EM. STOP MUSHROOM PUSHBUTTON, 22MM, ROUND, PLASTIC, RED, 40MM, LATCHING, POSITIVE LATCHING, ROTATE TO UNLATCH, WITH YELLOW BACKING PLATE, INSCRIPTION: NOT-HALT, WITH HOLDER, 1NC, SCREW TERMINAL



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	EMERGENCY STOP mushroom pushbutton
Manufacturer's article number	
• of supplied contact module	3SU1400-1AA10-1CA0
• of the supplied holder	3SU1500-0AA10-0AA0
• of the supplied actuator	3SU1000-1HB20-0AA0
• of supplied accessory	3SU1900-0BC31-0AT0

Enclosure:

Number of command points	1
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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
Number of contact modules	1
Type of unlocking device	rotate-to-unlatch mechanism

Front ring:

Product component front ring	No
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Holder:

Material of the holder	Plastic
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Display:

Number of LED modules	0
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General technical data:

Product function	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
Product component	
• Light source	No
Insulation voltage	
• rated value	500 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating frequency maximum	600 1/h
Mechanical service life (switching cycles)	
• typical	300 000
Electrical endurance (switching cycles)	
• typical	300 000
Thermal current	10 A
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Continuous current of the quick DIAZED fuse link	10 A

Continuous current of the DIAZED fuse link gG	10 A
Main circuit:	
Operating voltage • rated value	5 ... 500 V
Power Electronics:	
Contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit:	
Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts • for auxiliary contacts	1
Number of NO contacts • for auxiliary contacts	0
Number of CO contacts • for auxiliary contacts	0
Connections/ Terminals:	
Type of electrical connection • of modules and accessories	Screw-type terminal
Type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG conductors	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1,0 ... 1,5 mm ²) 2x (18 ... 14)
Connectable conductor cross-section • finely stranded with core end processing	0.5 ... 1.5 mm ²
Tightening torque of the screws in the bracket	1 ... 1.2 N·m
Tightening torque • for auxiliary contacts with screw-type terminals	0.8 ... 0.9 N·m
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 • with high demand rate acc. to SN 31920	20 % 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 %, no condensation in operation permitted for all devices behind front panel)	

Installation/ mounting/ dimensions:

Mounting type	front mounting
• of modules and accessories	Front plate mounting
Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	46.4 mm
Installation width	75 mm
Installation depth	48.6 mm

Accessories:

Number of backing plates	1
Marking of backing plate	EMERGENCY-STOP
Color of backing plate	Yellow

Certificates/approvals

General Product Approval		Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL	 EAC
		 EG-Konf.	Werksbescheinigung
Test Certificates	Shipping Approval		other
spezielle Prüfbescheinigung	 ABS	 LRS	 PRS
			 RMRS
			Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

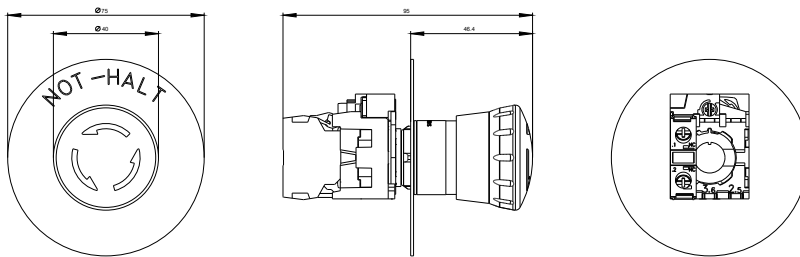
<http://www.siemens.com/industrial-controls/catalogs>

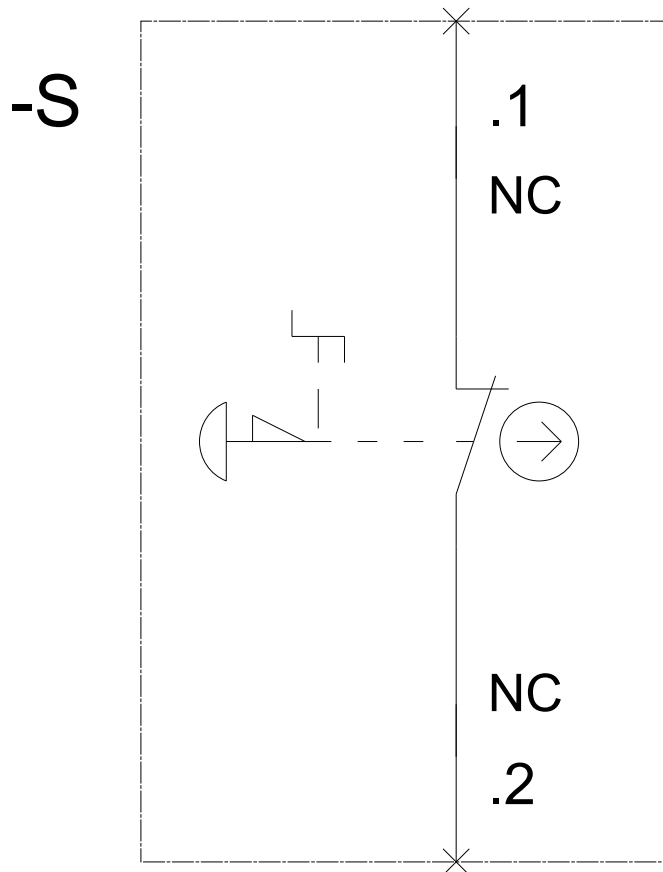
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-1HB20-1CH0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-1HB20-1CH0>





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