SIEMENS

Data sheet

3SU1100-1HB20-1PA0



EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch, without yellow backing plate, with holder, 1 NC, 1 NC, screw terminal

product brand name	SIRIUS ACT			
product designation	EMERGENCY STOP mushroom pushbuttons			
design of the product	Complete unit			
product type designation	3SU1			
product line	Plastic, black, 22 mm			
manufacturer's article number				
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1CA0</u>			
 of supplied contact module at position 2 	<u>3SU1400-1AA10-1CA0</u>			
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>			
 of the supplied actuator 	<u>3SU1000-1HB20-0AA0</u>			
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			
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	2			
type of unlocking device	rotate-to-unlatch mechanism			
Front ring				
product component front ring	No			
Holder				
material of the holder	Plastic			
Display				
number of LED modules	0			
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			
type of voltage of the operating voltage	AC/DC			
surge voltage resistance rated value	6 kV			
protection class IP	IP66, IP67, IP69(IP69K)			

of the terminal IP20, clamping server tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms correction resistance category 1, Class B vibration resistance 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 continuous current of the QLAZED fuse link 10 A continuous current of the QLAZED fuse link gG 10 A continuous current of the QLAZED fuse link gG 10 A operating voltage 5 500 V e at AC 500 V - at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V <th>10</th>	10
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• finely stranded without core end processing 2x (1,0 1,5 mm ²)	
• at AWG cables 2x (18 14)	
tightening torque of the screws in the bracket 1 1.2 N·m	
tightening torque for auxiliary contacts with screw-type 0.8 0.9 N·m	
terminals	
Safety related data	
B10 value with high demand rate according to SN 31920 100 000	
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	
Ambient conditions	
ambient temperature	
• during operation -25 +70 °C	
• during operation -25 +70 °C	
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no	
60721 condensation in operation permitted for all devices behind front pane	
Installation/ mounting/ dimensions	
fastening method front plate 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		
-	f installation diameter	0.4			
mounting height			mm		
installation width		40 n			
installation depth			mm		
ccessories					
number of backing	olates	0			
ertificates/ approval					
General Product Ap					Declaration of Conformity
SP M		<u>Confirmation</u>		EHC	CE EG-Konf.
Declaration of Conformity	Test Certificates		Marine / Shipping		
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloyd's Register uis	PRS
Marine / Shipping		other			
RINA	RMRS	Confirmation	Environmental Con- firmations		
Further information Information- and Do <u>https://www.siemens.</u> Industry Mall (Onlin	wnloadcenter (Catalog com/ic10	gs, Brochures,)			

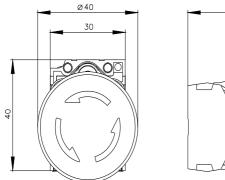
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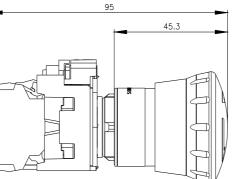
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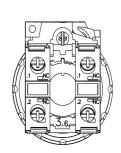
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-1HB20-1PA0&lang=en







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