SIEMENS

Data sheet

3SU1150-1HB20-3PH0



EMERGENCY STOP mushroom-type actuator, 22 mm, round, metal, shiny, red, 40 mm, positive latching, according to EN ISO 13850, rotate-to-unlatch, with yellow backing plate, inscription: NOT-HALT, with holder, 1 NC, 1 NC, spring-type terminal

product brand name	SIRIUS ACT			
product designation	EMERGENCY STOP mushroom pushbuttons			
design of the product	Complete unit			
product type designation	3SU1			
product line	Metal, shiny, 22 mm			
manufacturer's article number				
 of supplied contact module at position 1 	<u>3SU1400-1AA10-3CA0</u>			
 of supplied contact module at position 2 	<u>3SU1400-1AA10-3CA0</u>			
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>			
 of the supplied actuator 	<u>3SU1050-1HB20-0AA0</u>			
 of supplied accessory 	<u>3SU1900-0BC31-0AT0</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		
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		
electrical endurance (operating cycles) typical	300 000		
thermal current	10 A		
reference code according to IEC 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		
Substance Prohibitance (Date)	10/01/2014		
operating voltage			
• at AC			
— at 50 Hz rated value	5 500 V		
— at 60 Hz rated value	5 500 V		
at DC rated value	5 500 V		
Power Electronics	0 000 V		
	One meloneration per 100 million (47.)/ E mA) are real-constitution and 40 million		
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	2		
number of NO contacts for auxiliary contacts	0		
Connections/ Terminals			
type of electrical connection			
 of modules and accessories 	Spring-type terminal		
type of connectable conductor cross-sections			
 solid without core end processing 	2x (0.25 1.5 mm²)		
 finely stranded with core end processing 	2x (0.25 0.75 mm ²)		
 finely stranded without core end processing 	2x (0.25 1.5 mm ²)		
• for AWG cables	2x (24 16)		
tightening torque of the screws in the bracket	1 1.2 N·m		
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 %		
C C	20 %		
with high demand rate according to SN 31920 failure rate [EIT] with low demand rate according to SN 31020			
failure rate [FIT] with low demand rate according to SN 31920	100 FIT		
Ambient conditions			
ambient temperature			
during operation	-25 +70 °C		
during storage	-40 +80 °C		
environmental category during operation according 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			
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		
positive tolerance of installation diameter	0.4 mm		
	46.4 mm		
mounting height			
installation width	75 mm		
installation depth	48.6 mm		
Accessories			
number of backing plates	1		

marking of backing plate EMERGENCY-STOP		RGENCY-STOP			
color of backing plate		Yello	W		
Certificates/ approvals					
General Product App	roval				Declaration of Con- formity
	<u>Confirmation</u>			EAC	UK CA
Declaration of Con- formity	Test Certificates		Marine / Shipping		
CE EG-Konf.	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	Lloyds Register urs	PRS
Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			

Further information

Siemens has decided to exit the Russian market (see here).

ind-down-russian-business https://pres /global/en/pres

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1150-1HB20-3PH0

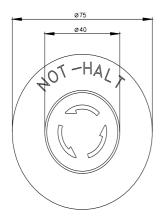
Cax online generator

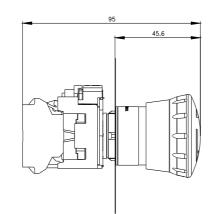
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-1HB20-3PH0

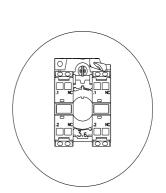
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

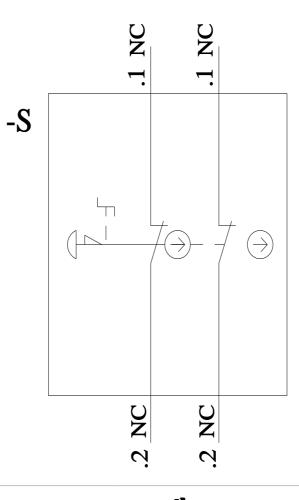
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-1HB20-3PH0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-1HB20-3PH0&lang=en









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