SIEMENS

Data sheet

3SU1150-1HA20-3PH0



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

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number

- of supplied contact module at position 1
- of supplied contact module at position 2
- of the supplied holder
- of the supplied actuator
- of supplied accessory

SIRIUS ACT

EMERGENCY STOP mushroom pushbuttons

Complete unit

3SU1

Metal, shiny, 22 mm

3SU1400-1AA10-3CA0

3SU1400-1AA10-3CA0

3SU1550-0AA10-0AA0

3SU1050-1HA20-0AA0

3SU1900-0BC31-0AT0

Enclosure	
number of command points	•
Actuator	
design of the actuating element	F

principle of operation of the actuating element product extension optional light source color of the actuating element

material of the actuating element shape of the actuating element

outer diameter of the actuating element number of contact modules

type of unlocking device

positive latching

latching No

plastic

round 40 mm

pull-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

• EMERGENCY OFF function

EMERGENCY STOP function

product component light source insulation voltage rated value

degree of pollution

type of voltage of the operating voltage surge voltage resistance rated value

protection class IP

of the terminal

\/-

Yes Yes

Yes

No 500 V

3 AC/DC

6 kV

IP66, IP67, IP69(IP69K)

IP20

danna of mada dian NEMA nation	4.0.0.00 4.47/40.40		
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13		
shock resistance	since sidel helf conce AF a / AA mas		
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms		
vibration resistance	10		
according to IEC 60068-2-6 apparating frequency maximum.	10 500 Hz: 5g 600 1/h		
operating frequency maximum mechanical service life (switching cycles) typical	300 000		
electrical endurance (switching 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			
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	Coving to use to province		
of modules and accessories Type of connectable conductor areas positions	Spring-type terminal		
type of connectable conductor cross-sections	2v (0.25		
solid without core end processingfinely stranded with core end processing	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)		
finely stranded with core end processing finely stranded without core end processing	2x (0.25 0.75 mm²)		
at 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 %		
 with high demand rate according to SN 31920 	20 %		
failure rate [FIT] with low demand rate according to SN	100 FIT		
31920			
Ambient conditions			
ambient temperature	05		
during operation	-25 +70 °C		
during storage anyironmental category during operation according to IEC.	-40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no		
environmental category during operation according to IEC 60721	condensation in operation permitted for all devices behind front panel)		
Installation/ mounting/ dimensions			
Installation/ mounting/ dimensions fastening method	front plate mounting		
-	front plate mounting Front plate mounting		
fastening method			
fastening method • of modules and accessories	Front plate mounting		
fastening method • of modules and accessories height width shape of the installation opening	Front plate mounting 40 mm 30 mm round		
fastening method	Front plate mounting 40 mm 30 mm round 22.3 mm		
fastening method	Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm		
fastening method	Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm 46.4 mm		
fastening method	Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm 46.4 mm 75 mm		
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fastening method • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth Accessories	Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm 46.4 mm 75 mm 48.6 mm		
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Certificates/ approvals

General Product Approval

Declaration of Conformity



Confirmation





FAC



Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>







Marine / Shipping

other





Confirmation

Environmental Confirmations

Further information

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=3SU1150-1HA20-3PH0

Cax online generator

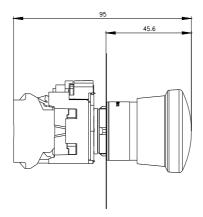
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-1HA20-3PH0

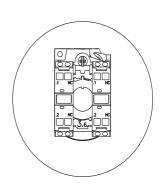
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

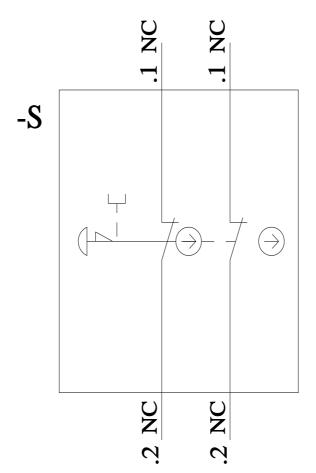
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-1HA20-3PH0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-1HA20-3PH0&lang=en









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