



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

SIRIUS ACT
EMERGENCY STOP mushroom pushbuttons
Complete unit
3SU1
Metal, shiny, 22 mm

- 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

[3SU1400-1AA10-3CA0](#)
[3SU1400-1AA10-3CA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1050-1HB20-0AA0](#)
[3SU1900-0BC31-0AT0](#)

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
• of the terminal IP66, IP67, IP69(IP69K)
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

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 mm ²)
• 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)
• 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 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
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
--------------------------	---------------------------



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
---------------------------	-------------------	-------------------



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS



PRS

Marine / Shipping	other	Environment
-------------------	-------	-------------



RINA

[Confirmation](#)

[Environmental Confirmations](#)

Further information

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

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

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



