SIEMENS

Data sheet

3SU1801-0NA00-2AC2



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 1 control point plastic, with protective collar, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

product brand name
product designation
product type designation
equipment of commanding and signaling device

manufacturer's article number

- · of supplied contact module
- of supplied contact module at the command point A
- of the supplied holder
- of the supplied holder at the command point A
- of the supplied actuator
- of the supplied actuator at the command point A
- of supplied empty enclosure

SIRIUS ACT

Enclosures

3SU1

A = EMERGENCY STOP mushroom pushbutton, 40 mm, with positive latching acc. to ISO 13850 and rotate-to-unlatch mechanism

A1 = 3SU1400-2AA10-1CA0

3SU1400-2AA10-1CA0

A = 3SU1500-0AA10-0AA0

3SU1500-0AA10-0AA0

A = 3SU1000-1HB20-0AA0

3SU1000-1HB20-0AA0

3SU1801-0AA00-0AC2

Enclosure

design of the housing shape of the enclosure front material of the enclosure number of command points product component

• EMERGENCY STOP device

protective collar

color of the enclosure top part

delivery state

• as a kit

• pre-wired on strip terminal

fastening method of the enclosure

with protective collar

Square

plastic 1

Yes

No

yellow

No

No Vertical

Actuator

design of the actuating element suitability for use EMERGENCY OFF switch

product extension optional light source color of the actuating element material of the actuating element shape of the actuating element

number of contact modules type of unlocking device

product feature lockout

EMERGENCY STOP mushroom pushbutton

Yes
No
No
red
plastic
round

A = rotate-to-unlatch mechanism

Front ring

product component front ring No design of the front ring Standard

Holdei

material of the holder	Plastic	
Display		
number of LED modules	0	
Seneral technical data		
product function		
• positive opening	Yes	
EMERGENCY OFF function EMERGENCY OFF function	Yes	
EMERGENCY STOP function	Yes	
protection class IP	IP66, IP67, IP69(IP69K)	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13	
shock resistance	sinuscidal half ways 45 s / 44 mag	
according to IEC 60068-2-27 for reflections according to EN 61272	sinusoidal half-wave 15g / 11 ms	
for railway applications according to EN 61373 with ration registance.	Category 1, Class B	
vibration resistance	10 500 Hz: 50	
according to IEC 60068-2-6 for reilly any applications according to EN 61272	10 500 Hz: 5g	
• for railway applications according to EN 61373	Category 1, Class B S	
reference code according to IEC 81346-2 continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A	
	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 10/01/2014	
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 at DC rated value	5 500 V	
20 2 3 1000 1000	5 500 V	
ommunication/ Protocol	20 (
design of the interface for communication	without	
uxiliary 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	
Connections/ Terminals		
type of electrical connection of modules and accessories	Screw-type terminal	
type of electrical connection on enclosure	Cable routing above and below, both 1 x M20	
tightening torque of the screws in the bracket	1 1.2 N·m	
tightening torque of fixing screws in the enclosure	1.5 1.7 N·m	
cover	0.0	
tightening torque with screw-type terminals	0.8 0.9 N·m	
mbient conditions		
ambient temperature		
 during operation 	-25 +70 °C	
during storage	-40 +80 °C	
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity	
60721	condensation in operation permitted for all devices	Denina front panel)
estallation/ mounting/ dimensions	5	
fastening method of modules and accessories	Floor mounting	
height	85 mm	
width	85 mm	
depth	112.5 mm	
shape of the installation opening	round	
ccessories		
number of labels	0	
number of inscription plates	0	
ertificates/ approvals		
One and Breedowt Area		Declaration of
General Product Approval		Conformity





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



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=3SU1801-0NA00-2AC2

Cax online generator

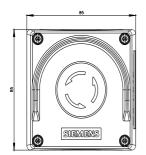
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NA00-2AC2

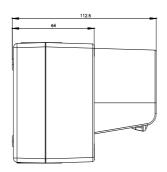
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

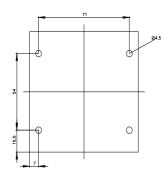
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AC2

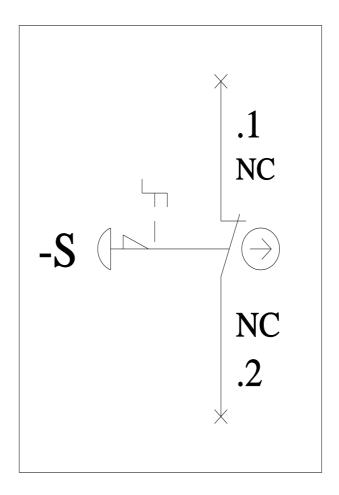
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en









last modified: 1/26/2022 🖸