Data sheet

3SU1802-0NB00-2AB2



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 2 control points plastic, B=Indicator light red, LED 24 V, screw terminal, label without inscription, A=Emergency stop 40 mm rotate-to-unlatch, label without inscription, 1 NO, 1 NC, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels enclosed

| product brand name | SIRIUS ACT |
|---|---|
| product designation | Enclosures |
| product type designation | 3SU1 |
| equipment of commanding and signaling device | A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism / B = indicator light 24 V AC/DC |
| manufacturer's article number | |
| of supplied contact module | A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1BA0, A3 = 3SU1400-2AA10-1CA0 |
| of supplied contact module at the command point A 1 | 3SU1400-2AA10-1CA0 |
| of supplied contact module at the command point A 2 | 3SU1400-2AA10-1BA0 |
| of supplied contact module at the command point A 3 | 3SU1400-2AA10-1CA |
| of supplied LED module | B3 = 3SU1401-2BG20-1AA0 |
| of supplied LED module at the command point B | 3SU1401-2BB20-1AA0 |
| of the supplied holder | A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0 |
| of the supplied holder at the command point A | 3SU1500-0AA10-0AA0 |
| of the supplied holder at the command point B | 3SU1500-0AA10-0AA0 |
| of the supplied actuator | A = 3SU1000-1HB20-0AA0 |
| of the supplied actuator at the command point A | 3SU1000-1HB20-0AA0 |
| of the supplied actuator at the command point B | 3SU1001-6AA20-0AA0 |
| of supplied repeater | B = 3SU1001-6AA20-0AA0 |
| of supplied empty enclosure | 3SU1802-0AA00-0AB2 |
| of supplied accessory | A = 3SU1900-0AF16-0AA0, B = 3SU1900-0AF16-0AA0 |
| • of the supplied accessories at the command point A | 3SU1900-0AF16-0AA0 |
| of the supplied accessories at the command point B | 3SU1900-0AF16-0AA0 |

| Enclosure | | |
|---|--|--|
| design of the housing | with recess for label | |
| shape of the enclosure front | rectangular | |
| material of the enclosure | plastic | |
| number of command points | 2 | |
| product component | | |
| EMERGENCY STOP device | Yes | |
| protective collar | No | |
| color of the enclosure top part | yellow | |
| delivery state | | |
| • as a kit | No | |
| pre-wired on strip terminal | No | |
| fastening method of the enclosure | Vertical | |
| Actuator | | |
| design of the actuating element | Indicator light / EMERGENCY STOP mushroom pushbutton | |
| suitability for use EMERGENCY OFF switch | Yes | |

| product footure lookout | No |
|---|--|
| product feature lockout | No Yes |
| product extension optional light source | A = red / B = red |
| color of the actuating element | 11 1001 2 100 |
| material of the actuating element | plastic |
| shape of the actuating element | round |
| number of contact modules | 3 |
| type of unlocking device | A = Rotate to unlock / B = none |
| Front ring | |
| product component front ring | Yes |
| design of the front ring | Standard |
| material of the front ring | plastic |
| color of the front ring | black |
| Holder | |
| material of the holder | Plastic |
| Display | |
| number of LED modules | 1 |
| General technical data | |
| product function | |
| positive opening | Yes |
| 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 | |
| • according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| for railway applications according to EN 61373 | Category 1, Class B |
| vibration resistance | |
| according to IEC 60068-2-6 | 10 500 Hz: 5g |
| for railway applications according to EN 61373 | Category 1, Class B |
| 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 | 04 04)/ |
| — at 50 Hz rated value | 24 24 V |
| — at 60 Hz rated value | 24 24 V |
| at DC rated value | 24 24 V |
| Communication/ Protocol | 70 |
| design of the interface for communication | without |
| Auxiliary circuit | 0.1 |
| design of the contact of auxiliary contacts | Silver alloy |
| number of NC contacts for auxiliary contacts | 2 |
| number of NO contacts for auxiliary contacts | 1 |
| Connections/ Terminals | Communication to the state of t |
| 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 the screws in the bracket tightening torque of fixing screws in the enclosure cover | 1 1.2 N·m 1.5 1.7 N·m |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals | 1 1.2 N·m |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity | 1 1.2 N·m 1.5 1.7 N·m |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions ambient temperature | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m 450 1 120 mcd |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions ambient temperature • during operation | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m 450 1 120 mcd |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions ambient temperature • during operation • during storage | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m 450 1 120 mcd -25 +70 °C -40 +80 °C |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions ambient temperature | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in |
| tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover tightening torque with screw-type terminals Lamp light intensity Ambient conditions ambient temperature • during operation • during storage | 1 1.2 N·m 1.5 1.7 N·m 0.8 0.9 N·m 450 1 120 mcd -25 +70 °C -40 +80 °C |

| fastening method of modules and accessories | Floor mounting |
|---|---|
| height | 114 mm |
| width | 85 mm |
| depth | 109 mm |
| shape of the installation opening | round |
| Accessories | |
| number of labels | 2 |
| marking of the name plate for command devices | A = without inscription / B = without inscription |
| color of the label | A = black / B = black |
| number of inscription plates | 0 |
| Certificates/ approvals | |

General Product Approval





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Special Test Certificate

ate

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=3SU1802-0NB00-2AB2

Cax online generator

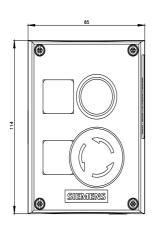
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1802-0NB00-2AB2}$

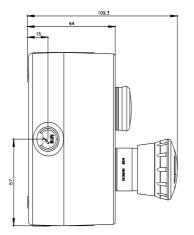
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

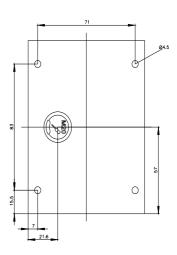
https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0NB00-2AB2

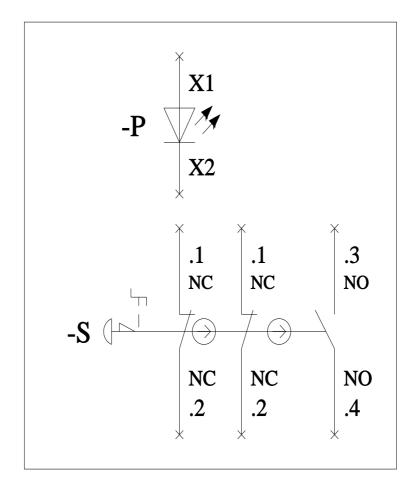
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0NB00-2AB2&lang=en









last modified: 1/26/2022 🖸

