



AS-Interface enclosure for command devices 22 mm, round, enclosure material metal, enclosure top part yellow, 1 control point metal, recess for label, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, 1 NC, spring-type terminal, floor mounting, AS-i shaped cable Direct entry top/right, label enclosed

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|--|---|
| 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 acc. to ISO 13850 and rotate-to-unlatch mechanism |
| manufacturer's article number | <ul style="list-style-type: none"> • of supplied contact module • of supplied contact module at the command point A 1 • of supplied contact module at the command point A 2 • of supplied communication module • 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 |
| Enclosure | |
| design of the housing | with recess for label |
| shape of the enclosure front | Square |
| material of the enclosure | metal |
| number of command points | 1 |
| product component | |
| <ul style="list-style-type: none"> • EMERGENCY STOP device • protective collar | Yes No |
| color of the enclosure top part | yellow |
| delivery state | |
| <ul style="list-style-type: none"> • as a kit • pre-wired on strip terminal | No No |
| fastening method of the enclosure | Vertical |
| Actuator | |
| design of the actuating element | EMERGENCY STOP mushroom pushbutton |
| suitability for use EMERGENCY OFF switch | Yes |
| product feature lockout | No |
| product extension optional light source | No |
| color of the actuating element | red |
| material of the actuating element | plastic |
| shape of the actuating element | round |
| number of contact modules | 2 |
| type of unlocking device | A = rotate-to-unlatch mechanism |
| Front ring | |
| product component front ring | No |

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| design of the front ring | Standard |
| material of the front ring | Metal, high gloss |
| color of the front ring | silver |
| 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 |
| protection class IP | IP66, IP67, IP69(IP69K) |
| 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 |
| 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 |
| SVHC substance name | Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 |
| 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 |
| cable entry type | Adapter ASI shaped cable (insulation displacement method) M20 cable entry |
| Communication/ Protocol | |
| design of the interface for communication | AS-i |
| 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 electrical connection on enclosure | Adapter ASI shaped cable (insulation displacement method) |
| tightening torque of the screws in the bracket | 1 ... 1.2 N·m |
| tightening torque of fixing screws in the enclosure cover | 1.5 ... 1.7 N·m |
| 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) |
| Environmental footprint | |
| Environmental Product Declaration(EPD) | Yes |
| Global Warming Potential [CO2 eq] total | 0.593 kg |
| Global Warming Potential [CO2 eq] during manufacturing | 0.625 kg |
| Global Warming Potential [CO2 eq] during operation | 0.235 kg |
| global warming potential [CO2 eq] after end of life | -0.267 kg |
| Installation/ mounting/ dimensions | |
| fastening method of modules and accessories | Floor mounting |
| height | 105.4 mm |
| width | 85 mm |
| depth | 109 mm |
| shape of the installation opening | round |
| Accessories | |

| | |
|---|-----------|
| number of labels | 1 |
| marking of the name plate for command devices | A = I |
| color of the label | A = black |
| number of inscription plates | 0 |

Approvals Certificates

General Product Approval



[Confirmation](#)



| Declaration of Conformity | Test Certificates | other | Environment |
|---------------------------|-------------------|-------|-------------|
|---------------------------|-------------------|-------|-------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[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=3SU1851-0NB10-4GB2>

Cax online generator

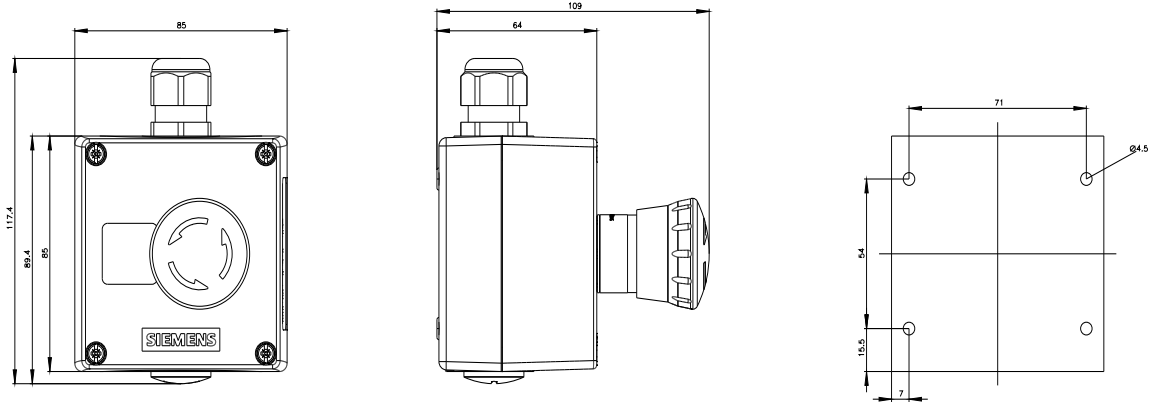
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0NB10-4GB2>

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

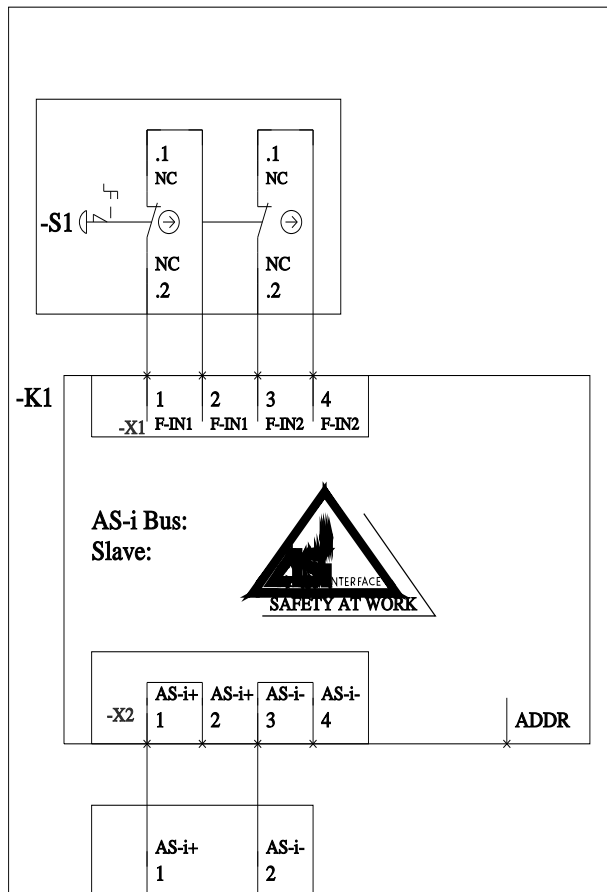
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0NB10-4GB2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0NB10-4GB2&lang=en



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