



Enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part yellow, 1 control point, A=EMERGENCY STOP mushroom pushbutton red, metal, 40 mm, rotate-to-unlatch, 1 NO, 1 NC, 1 NC, spring-type terminal, floor mounting, support terminal, without label, 1xM20 each on top and bottom

| | |
|--------------------------------------|---|
| Product brand name | SIRIUS ACT |
| Product designation | Enclosures |
| Product type designation | 3SU1 |
| Manufacturer's article number | <ul style="list-style-type: none"> • of supplied contact module A1 = 3SU1400-2AA10-3CA0, A2 = 3SU1400-2AA10-3CA0, A3 = 3SU1400-2AA10-3BA0 3SU1400-2AA10-3CA0 • of supplied contact module at the command point A 1 3SU1400-2AA10-3CA0 • of supplied contact module at the command point A 2 3SU1400-2AA10-3BA0 • of supplied contact module at the command point A 3 A = 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 • of the supplied holder A = 3SU1050-1HB20-0AA0 3SU1050-1HB20-0AA0 • of the supplied holder at the command point A 3SU1050-1HB20-0AA0 • of the supplied actuator 3SU1050-1HB20-0AA0 • of the supplied actuator at the command point A 3SU1050-1HB20-0AA0 • of supplied empty enclosure 3SU1801-0AA00-0AB2 |

Enclosure

| | |
|---------------------------------------|-----------------------|
| Design of the housing | with recess for label |
| Shape of the enclosure front | Square |
| Material of the enclosure | plastic |
| Number of command points | 1 |
| Product component | |
| • EMERGENCY STOP device | Yes |
| • protective collar | No |
| Color | |
| • of top part of the enclosure | yellow |
| Delivery state | |
| • as a kit | No |
| • pre-wired on strip terminal | No |
| Mounting type of the enclosure | Vertical |

Actuator

| | |
|--|------------------------------------|
| Design of the operating mechanism | 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 | 3 |
| Type of unlocking device | A = rotate-to-unlatch mechanism |

Front ring

| | |
|-------------------------------------|----------|
| Product component front ring | No |
| Design of the front ring | Standard |
| Material of the front ring | plastic |
| Color of the front ring | black |

Holder

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|-------------------------------|-------|
| Material of the holder | Metal |
|-------------------------------|-------|

Display

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| Number of LED modules | 0 |
|------------------------------|---|

General technical data

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|---|-----------------------------|
| 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 |

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| Shock resistance | |
| <ul style="list-style-type: none"> • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50 g / 11 ms |
| Vibration resistance | |
| <ul style="list-style-type: none"> • acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| Reference code acc. to DIN EN 81346-2 | S |
| Reference code acc. to DIN EN 61346-2 | 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 |
| Operating voltage | |
| <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC <ul style="list-style-type: none"> — rated value | 5 ... 500 V 5 ... 500 V 5 ... 500 V |

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| 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 | 1 |

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|--|---|
| Connections/ Terminals | |
| Type of electrical connection | |
| <ul style="list-style-type: none"> • of modules and accessories | Spring-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 mounting screws in the enclosure cover | 1.5 ... 1.7 N·m |

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| Interfaces | |
| Design of the interface | |
| <ul style="list-style-type: none"> • for communication | without |

| | |
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| Ambient conditions | |
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation • during storage | -25 ... +70 °C -40 ... +80 °C |
| Environmental category during operation acc. 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) |

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|--|----------------|
| Installation/ mounting/ dimensions | |
| Mounting type | |
| <ul style="list-style-type: none"> • 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 |

Certificates/ approvals

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|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



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

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



| | |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



[Confirmation](#)

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=3SU1801-0NE00-4AB2>

Cax online generator

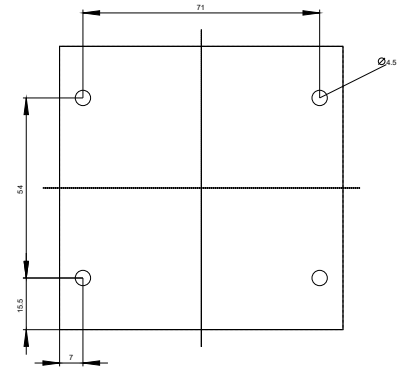
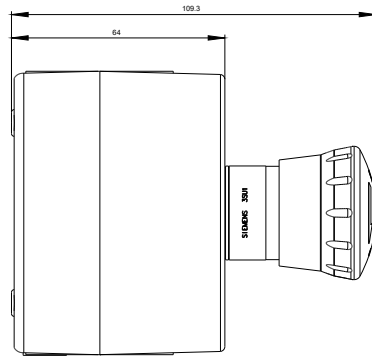
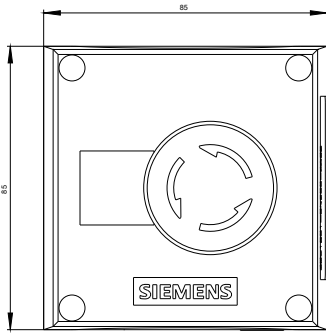
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NE00-4AB2>

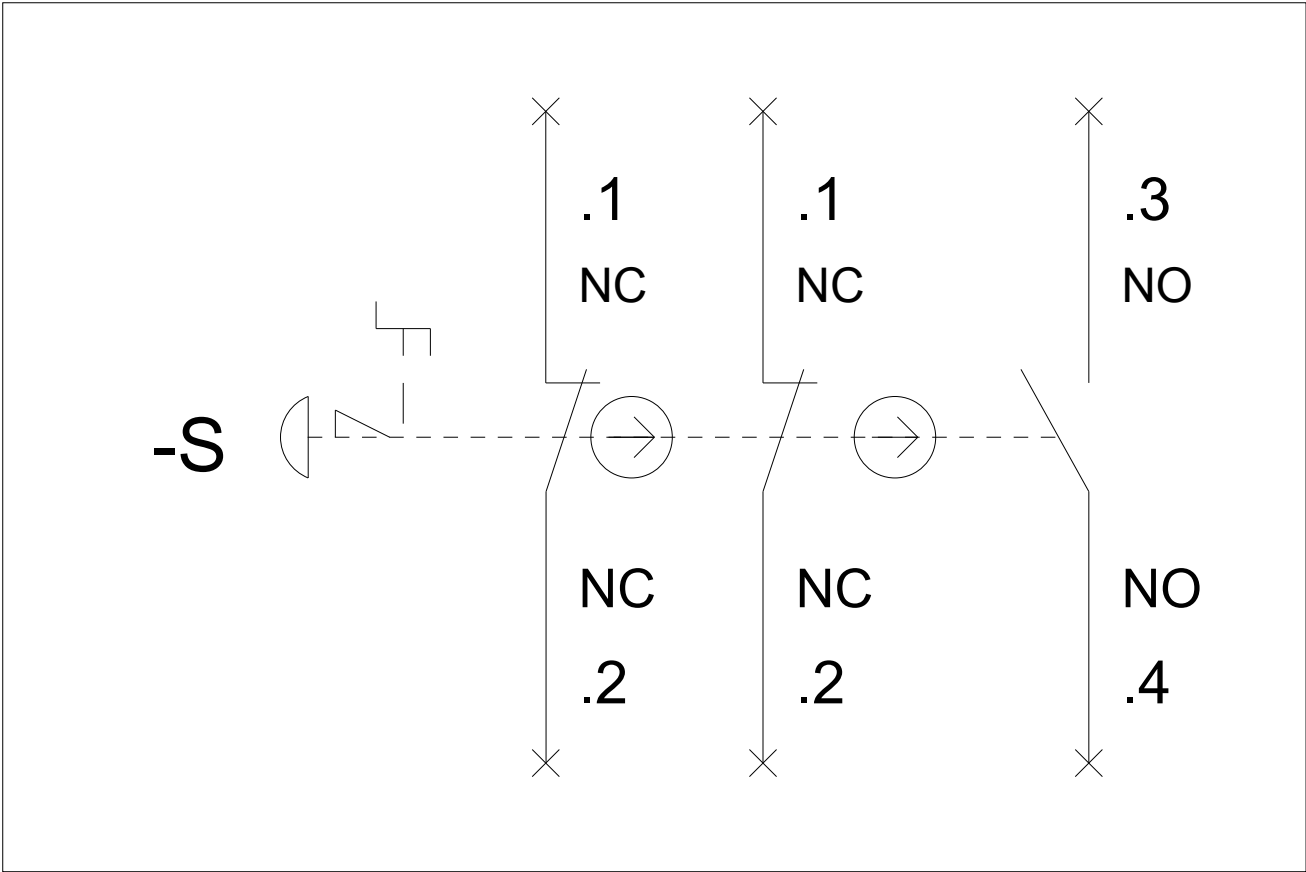
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NE00-4AB2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NE00-4AB2&lang=en





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