

Enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 2 command points metal, B=Raised red pushbutton, black label: Stop, 1 NC, screw terminal, A=Flat green illuminated pushbutton, black label: Start / Reset, 1 NO, LED 24 V AC/DC green, screw terminal, front plate mounting, 1xM20 each on top and bottom, labels glued in

| | |
|--------------------------------------|---|
| 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 • of supplied contact module at the command point A 1 • of supplied contact module at the command point B 1 • of supplied LED module • of supplied LED module at the command point B • of the supplied holder • of the supplied holder at the command point A • of the supplied holder at the command point B • of the supplied actuator • of the supplied actuator at the command point A • of the supplied actuator at the command point B • of supplied empty enclosure • of supplied accessory • of the supplied accessories at the command point A • of the supplied accessories at the command point B |

A1 = 3SU1400-1AA10-1CA0 / B2 = 3SU1400-1AA10-1BA0
[3SU1400-1AA10-1CA0](#)
[3SU1400-1AA10-1BA0](#)

B = 3SU1401-1BB40-1AA0
[3SU1401-1BB40-1AA0](#)

A = 3SU1550-0AA10-0AA0, B = 3SU1550-0AA10-0AA0
[3SU1550-0AA10-0AA0](#)
[3SU1550-0AA10-0AA0](#)

A = 3SU1050-0BB20-0AA0 / B = 3SU1051-0AB40-0AA0
[3SU1050-0BB20-0AA0](#)
[3SU1051-0AB40-0AA0](#)

[3SU1802-0AA00-0AB1](#)

A = 3SU1900-0AF16-0AZ0 Q9Y, B = 3SU1900-0AF16-0AZ0 Q9Y
[3SU1900-0AF16-0AZ0 Q9Y](#)
[3SU1900-0AF16-0AZ0 Q9Y](#)

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 | |
| <ul style="list-style-type: none"> • EMERGENCY STOP device | No |

| | |
|--|----------|
| <ul style="list-style-type: none"> • protective collar | No |
| Color | |
| <ul style="list-style-type: none"> • of top part of the enclosure | grey |
| Delivery state | |
| <ul style="list-style-type: none"> • as a kit | No |
| <ul style="list-style-type: none"> • pre-wired on strip terminal | No |
| Mounting type of the enclosure | Vertical |

Actuator

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|--|-------------------------|
| Design of the operating mechanism | Pushbutton / pushbutton |
| Suitability for use EMERGENCY OFF switch | No |
| Product feature | |
| <ul style="list-style-type: none"> • lockout | No |
| Product extension optional Light source | No |
| Color | |
| <ul style="list-style-type: none"> • of the actuating element | A = red / B = green |
| Material of the actuating element | metal |
| Shape of the actuating element | round |
| Number of contact modules | 2 |
| Type of unlocking device | A = none / B = none |

Front ring

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| Product component front ring | Yes |
| Design of the front ring | Standard |
| Material of the front ring | Metal, high gloss |
| Color of the front ring | silver |

Holder

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

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|------------------------------|---|
| Number of LED modules | 1 |
|------------------------------|---|

General technical data

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|---|-----------------------------------|
| Product function | |
| <ul style="list-style-type: none"> • positive opening | No |
| <ul style="list-style-type: none"> • EMERGENCY OFF function | No |
| <ul style="list-style-type: none"> • EMERGENCY STOP function | No |
| Protection class IP | IP66, IP67, IP69(IP69K) |
| Degree of protection NEMA rating | NEMA 1, 2, 3, 3R, 4, 4X, 12K, 13 |
| Shock resistance | |
| <ul style="list-style-type: none"> • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50 g / 11 ms |
| <ul style="list-style-type: none"> • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Vibration resistance | |
| <ul style="list-style-type: none"> • acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| <ul style="list-style-type: none"> • for railway applications acc. to DIN EN 61373 | Category 1, Class B |

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| 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 | |
| • 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 |

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| Auxiliary 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 | 1 |

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| 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 mounting screws in the enclosure cover | 1.5 ... 1.7 N·m |

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| Interfaces | |
| Design of the interface | |
| • for communication | without |

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| Ambient conditions | |
| Ambient temperature | |
| • during operation | -25 ... +70 °C |
| • during storage | -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) |

| | |
|---|----------------------|
| Installation/ mounting/ dimensions | |
| Mounting type | |
| • of modules and accessories | Front plate mounting |
| Height | 114 mm |
| Width | 85 mm |
| Depth | 75 mm |
| Shape of the installation opening | round |

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|--------------------|---|
| Accessories | |
| Number of labels | 2 |

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|---|----------------------------------|
| Marking of the name plate for command devices | A = "Stop" / B = "Start / Reset" |
| Color of the label | A = black / B = black |
| Number of inscription plates | 0 |
| Number of backing plates | 0 |

Certificates/ approvals

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



CCC



CSA



UL



VDE



[Miscellaneous](#)

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



EG-Konf.

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA

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



RMRS



DNVGL.COM/AF

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

www.siemens.com/ic10

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1802-0AK00-1AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AK00-1AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AK00-1AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AK00-1AB1&lang=en

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