



two-hand operation console for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 3 control points metal, standard equipment: 2 mushroom pushbuttons black 40 mm, 2x1NO+1NC, screw terminal, 1 EMERGENCY STOP red, 40 mm, 2 NC, screw terminal

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|---|---|
| product brand name | SIRIUS ACT |
| product designation | Two-hand operation console |
| product type designation | 3SU1 |
| manufacturer's article number | |
| <ul style="list-style-type: none">of supplied contact module | R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400-1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M2 = 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point A 1 | 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point A 3 | 3SU1400-1AA10-1BA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point B 1 | 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point B 3 | 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point C 1 | 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none">of supplied contact module at the command point C 3 | 3SU1400-1AA10-1BA0 |
| <ul style="list-style-type: none">of the supplied holder at the command point A | 3SU1550-0AA10-0AA0 |
| <ul style="list-style-type: none">of the supplied holder at the command point B | 3SU1550-0AA10-0AA0 |
| <ul style="list-style-type: none">of the supplied holder at the command point C | 3SU1550-0AA10-0AA0 |
| <ul style="list-style-type: none">of the supplied actuator at the command point A | 3SU1050-1BD10-0AA0 |
| <ul style="list-style-type: none">of the supplied actuator at the command point B | 3SU1050-1HB20-0AA0 |
| <ul style="list-style-type: none">of the supplied actuator at the command point C | 3SU1050-1BD10-0AA0 |
| <ul style="list-style-type: none">of supplied empty enclosure | 3SU1853-3AA00-0AA1 |
| <ul style="list-style-type: none">of the supplied accessories at the command point B | 3SU1900-0BB31-0AT0 |
| Enclosure | |
| design of the housing | Two-hand operating console with standard components |
| material of the enclosure | metal |
| number of command points | 3 |
| color of the enclosure top part | 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 |
| fastening method of the enclosure | Horizontal |
| Actuator | |
| design of the actuating element | A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton |
| principle of operation of the actuating element | A = momentary contact / B = latching / C = momentary contact |
| product feature | |
| <ul style="list-style-type: none">lockout | No |
| <ul style="list-style-type: none">staggered switching | No |

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| color of the actuating element | A = black / B = red / C = black |
| material of the actuating element | metal |
| shape of the actuating element | round |
| number of contact modules | 6 |
| type of unlocking device | A = none / B = rotate to unlock / C = none |
| Front ring | |
| product component front ring | Yes |
| material of the front ring | metal |
| color of the front ring | silver |
| Holder | |
| material of the holder | Metal |
| General technical data | |
| product function | |
| • positive opening | Yes |
| • EMERGENCY OFF function | Yes |
| • EMERGENCY STOP function | Yes |
| product component stand/pedestal | No |
| protection class IP | IP66 |
| 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 |
| Auxiliary circuit | |
| design of the contact of auxiliary contacts | Silver alloy |
| number of NC contacts for auxiliary contacts | 4 |
| number of NO contacts for auxiliary contacts | 2 |
| Connections/ Terminals | |
| type of electrical connection on enclosure | Cable routing at the rear 2 x M25 |
| Safety related data | |
| B10 value with high demand rate according to SN 31920 | 100 000 |
| proportion of dangerous failures | |
| • with low demand rate according to SN 31920 | 20 % |
| • with high demand rate according to SN 31920 | 20 % |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT |
| 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) |
| Installation/ mounting/ dimensions | |
| fastening method of modules and accessories | Front plate mounting |
| height | 185.6 mm |
| width | 492.4 mm |
| depth | 159.5 mm |
| Accessories | |
| number of backing plates | 1 |
| marking of backing plate | EMERGENCY-STOP |
| color of backing plate | Yellow |
| Certificates/ approvals | |
| General Product Approval | Declaration of Conformity |



[Confirmation](#)



EG-Konf.

Declaration of
Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

Marine / Shipping

other



RINA



RMRS

[Environmental Confirmations](#)

[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=3SU1853-3NB00-1AA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-3NB00-1AA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-3NB00-1AA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1853-3NB00-1AA1&lang=en



