

two-hand operation console for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 3 holes for command points, 8 additional preset breaking points for 22 mm command devices, 2 mushroom pushbuttons black 40 mm, 2x1NO+1NC, screw terminal, 1 EMERGENCY STOP red, 40 mm, 2 NC, screw terminal, front mounting, with cable cut-outs for metric screw connections



<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Two-hand operation console
<b>product type designation</b>	3SU1
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>of supplied contact module</li> <li>of supplied contact module at the command point A 1</li> <li>of supplied contact module at the command point A 3</li> <li>of supplied contact module at the command point B 1</li> <li>of supplied contact module at the command point B 3</li> <li>of supplied contact module at the command point C 1</li> <li>of supplied contact module at the command point C 3</li> <li>of the supplied holder at the command point A</li> <li>of the supplied holder at the command point B</li> <li>of the supplied holder at the command point C</li> <li>of the supplied actuator at the command point A</li> <li>of the supplied actuator at the command point B</li> <li>of the supplied actuator at the command point C</li> <li>of supplied empty enclosure</li> <li>of the supplied accessories at the command point B</li> </ul>	<p>R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400-1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M2 = 3SU1400-1AA10-1CA0</p> <p><a href="#">3SU1400-1AA10-1CA0</a></p> <p><a href="#">3SU1400-1AA10-1BA0</a></p> <p><a href="#">3SU1400-1AA10-1CA0</a></p> <p><a href="#">3SU1400-1AA10-1CA0</a></p> <p><a href="#">3SU1400-1AA10-1CA0</a></p> <p><a href="#">3SU1400-1AA10-1BA0</a></p> <p><a href="#">3SU1550-0AA10-0AA0</a></p> <p><a href="#">3SU1550-0AA10-0AA0</a></p> <p><a href="#">3SU1550-0AA10-0AA0</a></p> <p><a href="#">3SU1000-1BD10-0AA0</a></p> <p><a href="#">3SU1000-1HB20-0AA0</a></p> <p><a href="#">3SU1000-1BD10-0AA0</a></p> <p><a href="#">3SU1803-3AA00-0AA1</a></p> <p><a href="#">3SU1900-0BB31-0AT0</a></p>
<b>Enclosure</b>	
<b>design of the housing</b>	Two-hand operating console with standard components
<b>material of the enclosure</b>	plastic
<b>number of command points</b>	3
color of the enclosure top part	grey
<b>delivery state</b>	
<ul style="list-style-type: none"> <li>as a kit</li> <li>pre-wired on strip terminal</li> </ul>	<p>No</p> <p>No</p>
<b>fastening method of the enclosure</b>	Horizontal
<b>Actuator</b>	
<b>design of the actuating element</b>	A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton
<b>principle of operation of the actuating element</b>	A = momentary contact / B = latching / C = momentary contact
<b>product feature</b>	
<ul style="list-style-type: none"> <li>lockout</li> <li>staggered switching</li> </ul>	<p>No</p> <p>No</p>
color of the actuating element	A = black / B = red / C = black
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	6

<b>type of unlocking device</b>	A = none / B = rotate to unlock / C = none
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>material of the front ring</b>	plastic
<b>color of the front ring</b>	black
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>General technical data</b>	
<b>product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
product component stand/pedestal	No
<b>protection class IP</b>	IP66
<b>degree of protection NEMA rating</b>	1, 4X, 12K, indoor use only, 13
<b>shock resistance according to IEC 60068-2-27</b>	sinusoidal half-wave 15g / 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	10 ... 500 Hz: 5g
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A
<b>continuous current of the DIAZED fuse link gG</b>	10 A
<b>Substance Prohibition (Date)</b>	10/01/2014
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	4
<b>number of NO contacts for auxiliary contacts</b>	2
<b>Connections/ Terminals</b>	
<b>type of electrical connection on enclosure</b>	Cable routing at the rear 2 x M25
<b>Safety related data</b>	
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate according to SN 31920	20 %
<b>failure rate [FIT] with low demand rate according to SN 31920</b>	100 FIT
<b>B10 value with high demand rate according to SN 31920</b>	100 000
<b>IEC 62061</b>	
<b>T1 value for proof test interval or service life according to IEC 61508</b>	20 a
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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)
<b>Environmental footprint</b>	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO2 eq] total	0.787 kg
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.015 kg
<b>Installation/ mounting/ dimensions</b>	
fastening method of modules and accessories	Front plate mounting
<b>height</b>	185.3 mm
<b>width</b>	469.2 mm
<b>depth</b>	137.4 mm
<b>Accessories</b>	
<b>number of backing plates</b>	1
<b>marking of backing plate</b>	EMERGENCY-STOP
<b>color of backing plate</b>	Yellow
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	<b>Declaration of Con-</b>

[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS



PRS

Marine / Shipping

other

Environment



RINA

[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=3SU1803-3NB00-1AE1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1803-3NB00-1AE1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1803-3NB00-1AE1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1803-3NB00-1AE1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1803-3NB00-1AE1&lang=en)



