



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, 2x 1 NO+1 NC, screw terminal, 1x EMERGENCY STOP red, 40 mm, 2 NC, screw terminal, front mounting, with cable cut-outs for metric cable glands



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"> <li>of supplied contact module</li> </ul>
	R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400-1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M = 3SU1400-1AA10-1CA0
	<a href="#">3SU1400-1AA10-1CA0</a>
	<a href="#">3SU1400-1AA10-1BA0</a>
	<a href="#">3SU1400-1AA10-1CA0</a>
	<a href="#">3SU1550-0AA10-0AA0</a>
	<a href="#">3SU1550-0AA10-0AA0</a>
	<a href="#">3SU1550-0AA10-0AA0</a>
	<a href="#">3SU1000-1BD10-0AA0</a>
	<a href="#">3SU1000-1BD10-0AA0</a>
	<a href="#">3SU1000-1BD10-0AA0</a>
	<a href="#">3SU1803-3AA00-0AA1</a>
	<a href="#">3SU1900-0BB31-0AT0</a>
<b>Enclosure</b>	
design of the housing	Two-hand operating console with standard components
material of the enclosure	plastic
number of command points	3
color of the enclosure top part	grey
delivery state	
• as a kit	No
• pre-wired on strip terminal	No
fastening method of the enclosure	Horizontal
<b>Actuator</b>	
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	
• lockout	No
• staggered switching	No

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>	
product component front ring	Yes
material of the front ring	plastic
color of the front ring	black
<b>Holder</b>	
material of the holder	Plastic
<b>General technical data</b>	
product function	
• 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 Prohibitance (Date)</b>	10/01/2014
<b>Net Weight</b>	2.3 kg
<b>Auxiliary circuit</b>	
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
<b>Connections/ Terminals</b>	
type of electrical connection on enclosure	Cable routing at the rear 2 x M25
<b>Safety related data</b>	
product function suitable for safety function	Yes
<b>test wear-related service life necessary</b>	Yes
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate according to SN 31920	20 %
• with high demand rate per NC contact according to SN 31920	20 %
<b>B10 value with high demand rate according to SN 31920</b>	100 000
<b>failure rate [FIT] with low demand rate according to SN 31920</b>	100 FIT
<b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b>	100 FIT
ISO 13849	
device type according to ISO 13849-1	3
IEC 61508	
<b>safety device type according to IEC 61508-2</b>	Type A
T1 value for proof test interval or service life according to IEC 61508	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>Installation/ mounting/ dimensions</b>	
fastening method of modules and accessories	Front plate mounting

height	185.3 mm
width	469.2 mm
depth	137.4 mm
<b>Accessories</b>	
number of backing plates	1
marking of backing plate	NOT-HALT
color of backing plate	Yellow

#### Approvals Certificates

##### Environmental Product Declaration

• 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	-0.0145 kg
• global warming potential [CO2 eq] / total	0.787 kg

##### Environment

##### General Product Approval



Siemens  
EcoTech



[Environmental Confirmations](#)



##### General Product Approval

##### Test Certificates



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

##### Maritime application

##### other



[Confirmation](#)



#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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

<https://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, ...)

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



