



enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part gray, 1 control point, A= Selector switch, black, plastic, 2 switch positions, latching, label: On Off, 1 NO, 1 NO, screw terminal, floor mounting, 1xM20 each on top and bottom Label glued in

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Enclosures
<b>product type designation</b>	3SU1
<b>equipment of commanding and signaling device</b>	A = Toggle switch
<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 2</li> <li>of the supplied holder</li> <li>of the supplied holder at the command point A</li> <li>of the supplied actuator</li> <li>of the supplied actuator at the command point A</li> <li>of supplied empty enclosure</li> <li>of supplied accessory</li> <li>of the supplied accessories at the command point A</li> </ul>	A1 = 3SU1400-2AA10-1BA0 / A2 = 3SU1400-2AA10-1BA0 <a href="#">3SU1400-2AA10-1BA0</a> <a href="#">3SU1400-2AA10-1BA0</a>  A = 3SU1500-0AA10-0AA0 <a href="#">3SU1500-0AA10-0AA0</a> <a href="#">3SU1002-2BF60-0AA0</a> <a href="#">3SU1002-2BF60-0AA0</a> <a href="#">3SU1801-0AZ00 KOY</a>  A = 3SU1900-0AF16-0AZ0 3SU1900-0AF16-0AZ0
<b>Enclosure</b>	
<b>design of the housing</b>	with recess for label
<b>shape of the enclosure front</b>	Square
<b>material of the enclosure</b>	plastic
<b>number of command points</b>	1
<b>product component</b>	
<ul style="list-style-type: none"> <li>EMERGENCY STOP device</li> <li>protective collar</li> </ul>	No No
<b>color of the enclosure top part</b>	grey
<b>delivery state</b>	
<ul style="list-style-type: none"> <li>as a kit</li> <li>pre-wired on strip terminal</li> </ul>	No No
<b>fastening method of the enclosure</b>	Vertical
<b>Actuator</b>	
<b>design of the actuating element</b>	toggle switch
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	Yes
color of the actuating element	white
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	2
<b>type of unlocking device</b>	A = without

Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function	
<ul style="list-style-type: none"> <li>positive opening</li> </ul>	No
<ul style="list-style-type: none"> <li>EMERGENCY OFF function</li> </ul>	No
<ul style="list-style-type: none"> <li>EMERGENCY STOP function</li> </ul>	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13
shock resistance	
<ul style="list-style-type: none"> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul style="list-style-type: none"> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> <li>according to IEC 60068-2-6</li> </ul>	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
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
operating voltage	
<ul style="list-style-type: none"> <li>at AC</li> </ul>	
<ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> </ul>	5 ... 500 V
<ul style="list-style-type: none"> <li>— at 60 Hz rated value</li> </ul>	5 ... 500 V
<ul style="list-style-type: none"> <li>at DC rated value</li> </ul>	5 ... 500 V
Communication/ Protocol	
design of the interface for communication	without
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	2
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 fixing screws in the enclosure cover	1.5 ... 1.7 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-25 ... +70 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-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	Floor mounting
height	85 mm
width	85 mm
depth	75 mm
shape of the installation opening	round
Accessories	
number of labels	1

color of the label	A = black
number of inscription plates	1
number of backing plates	0

#### Certificates/ approvals

##### General Product Approval



[Confirmation](#)



##### Declaration of Conformity

##### Test Certificates

##### Marine / Shipping



EG-Konf.

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

##### Marine / Shipping

##### other



RINA



RMRS

[Confirmation](#)

[Environmental Confirmations](#)

#### 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?mfb=3SU1801-0AR00-2AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1801-0AR00-2AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AR00-2AB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1801-0AR00-2AB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1801-0AR00-2AB1&lang=en)

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