SIEMENS

Data sheet

product brand name



Enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part gray, 1 control point, A = Push-pull switch, red, metal, 30 mm, 1 NC, spring-type terminal, floor mounting, support terminal, customized label, top and bottom 1xM20 each, Label glued in

SIRIUS ACT

product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = mushroom pushbutton
manufacturer's article number	
 of supplied contact module 	A1 = 3SU1400-2AA10-3CA0, A2 = 3SU1400-2AA10-3CA0
 of supplied contact module at the command point A 1 	3SU1400-2AA10-3CA0
 of supplied contact module at the command point A 2 	3SU1400-2AA10-3CA0
 of the supplied holder 	A = 3SU1550-0AA10-0AA0
 of the supplied holder at the command point A 	3SU1550-0AA10-0AA0
 of the supplied actuator 	3SU1050-1AA20-0AA0
 of the supplied actuator at the command point A 	3SU1050-1AA20-0AA0
 of supplied empty enclosure 	<u>3SU1801-0AA00-0AB1</u>
 of supplied support terminal 	A4 = 3SU1400-2DA43-3AA0
 of supplied support terminal at the command point A 	3SU1400-2DA43-3AA0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	Square
material of the enclosure	plastic
number of command points	1
product component	
 EMERGENCY STOP device 	No
protective collar	No
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
Actuator	
design of the actuating element	mushromm pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	red
material of the actuating element	metal
shape of the actuating element	round
number of contact modules	2
type of unlocking device	A = pull-to-unlatch mechanism
Front ring	
product component front ring	Yes

dosign of the front ring	Standard
design of the front ring	
material of the front ring	Metal, high gloss silver
color of the front ring Holder	SIIVO
material of the holder	Plastic
Display	i iasuc
number of LED modules	0
General technical data	U Company
product function	
positive opening	No
EMERGENCY OFF function	No
EMERGENCY STOP function	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
• for railway applications according to EN 61373	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	
• 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
Communication/ Protocol	
design of the interface for communication	without
design of the interface for communication Auxiliary circuit	
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts	Silver alloy
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 2
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	Silver alloy
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	Silver alloy 2 0
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories	Silver alloy 2 0 Spring-type terminal
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation • during storage	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m -25 +70 °C -40 +80 °C
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m
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design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Environmental Product Declaration(EPD)	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Yes
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Yes 0.787 kg
design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Yes 0.787 kg 0.566 kg
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design of the interface for communication Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Environmental Footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation global warming potential [CO2 eq] after end of life	Silver alloy 2 0 Spring-type terminal Cable routing above and below, both 1 x M20 1 1.2 N·m 1.5 1.7 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Yes 0.787 kg 0.566 kg 0.235 kg
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number of labels	1
color of the label	A = silver
number of inscription plates	0

Approvals Certificates

General Product Approval





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Special Test Certificate

Type Test Certificates/Test Report





Marine / Shipping

other

Environment





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=3SU1801-0BC00-4AB1

Cax online generator

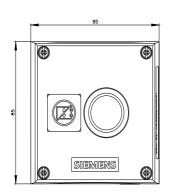
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0BC00-4AB1

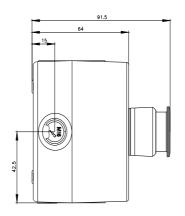
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

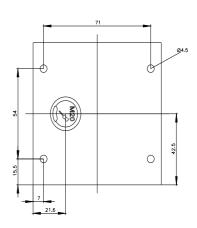
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0BC00-4AB1

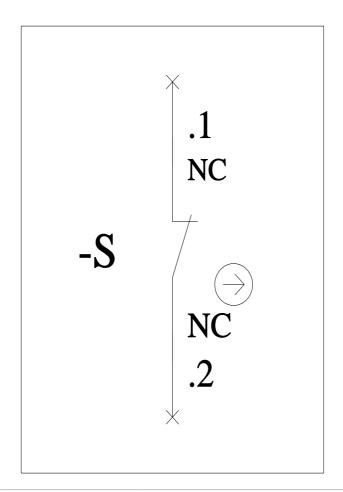
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0BC00-4AB1&lang=en









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