SIEMENS

Data sheet



Enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 1 control point plastic, Recess for label, A=Pushbutton black label: O 1 NC, screw terminal, floor mounting, Label enclosed

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Pushbutton
manufacturer's article number	
of supplied contact module	A1 = 3SU1400-2AA10-1CA0
 of supplied contact module at the command point A 1 	3SU1400-2AA10-1CA0
 of the supplied holder 	A = 3SU1500-0AA10-0AA0
 of the supplied holder at the command point A 	3SU1500-0AA10-0AA0
 of the supplied actuator 	3SU1000-0AB10-0AA0
 of the supplied actuator at the command point A 	3SU1000-0AB10-0AA0
 of supplied empty enclosure 	3SU1801-0AA00-0AB1
 of supplied accessory 	A = 3SU1900-0AF16-0QA0
 of the supplied accessories at the command point A 	3SU1900-0AF16-0QA0
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	Vertical
Actuator	
design of the actuating element	Pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	1
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	
positive opening	Yes
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	1, 2, 0, 011, 4, 471, 1211, 10
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	Culogory 1, Clado 2
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, 101 a short-circuit current shraher than 400 A
continuous current of the DIAZED fuse link	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	10/0 1/20 14
• 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	3 300 V
design of the interface for communication	without
Auxiliary circuit	without
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
•	Cable routing above and below, both 1 x M20
type of electrical connection on enclosure 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	0.0 0.3 N III
ambient temperatureduring operation	-25 +70 °C
	-40 +80 °C
during storage environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
60721	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
marking of the name plate for command devices	A = O
color of the label	A = black
number of inscription plates	0
Certificates/ approvals	
·	
General Product Approval	





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report Special Test Certificate





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=3SU1801-0AE00-2AB1

Cax online generator

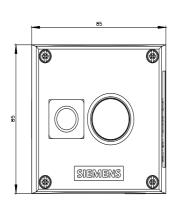
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AE00-2AB1

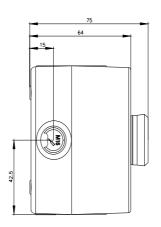
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

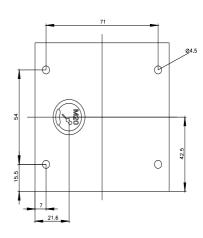
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AE00-2AB1

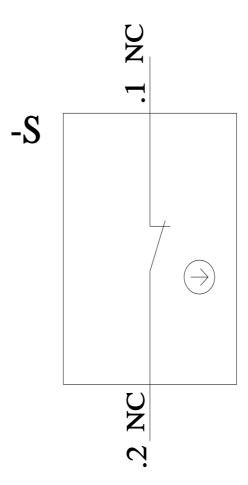
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AE00-2AB1&lang=en









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1/26/2022

