

Data sheet

3SU1802-0AQ00-2AB1



enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 2 control points plastic, B=Pushbutton green, label: Open, 1 NO, screw terminal, A=Pushbutton black, label: Close, 1 NO, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels glued in

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Pushbutton / B = Pushbutton
manufacturer's article number	<ul style="list-style-type: none"> • of supplied contact module • of supplied contact module at the command point A 1 • of supplied contact module at the command point B 1 • of the supplied holder • of the supplied holder at the command point A • of the supplied holder at the command point B • of the supplied actuator • of the supplied actuator at the command point A • of the supplied actuator at the command point B • of supplied empty enclosure • of supplied accessory • of the supplied accessories at the command point A • of the supplied accessories at the command point B
	A1 = 3SU1400-2AA10-1BA0 / B1 = 3SU1400-2AA10-1BA0 3SU1400-2AA10-1BA0 3SU1400-2AA10-1BA0 A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 A = 3SU1000-0AB10-0AA0 / B = 3SU1000-0AB40-0AA0 3SU1000-0AB10-0AA0 3SU1000-0AB40-0AA0 3SU1802-0AZ00 K0Y A = 3SU1900-0AF16-0DX0, B = 3SU1900-0AF16-0DW0 3SU1900-0AF16-0DX0 3SU1900-0AF16-0DW0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	2
product component	<ul style="list-style-type: none"> • EMERGENCY STOP device • protective collar
	No No
color of the enclosure top part	grey
delivery state	<ul style="list-style-type: none"> • as a kit • pre-wired on strip terminal
	No No
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	Pushbutton / pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	A = black / B = green
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	2

type of unlocking device		A = none / B = none
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		
• 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
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		
• 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)
Installation/ mounting/ dimensions		
fastening method of modules and accessories		Floor mounting
height		114 mm
width		85 mm
depth		75 mm
shape of the installation opening		round
Accessories		
number of labels		2
color of the label		A = black / B = black

number of inscription plates	2
number of backing plates	0

Certificates/ approvals

General Product Approval



[Confirmation](#)



CCC



UL



VDE



Declaration of Conformity

Test Certificates

Marine / Shipping



EG-Konf.

[Type Test Certificates/Test Report](#)



ABS



LRS



PRIS

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=3SU1802-0AQ00-2AB1>

Cax online generator

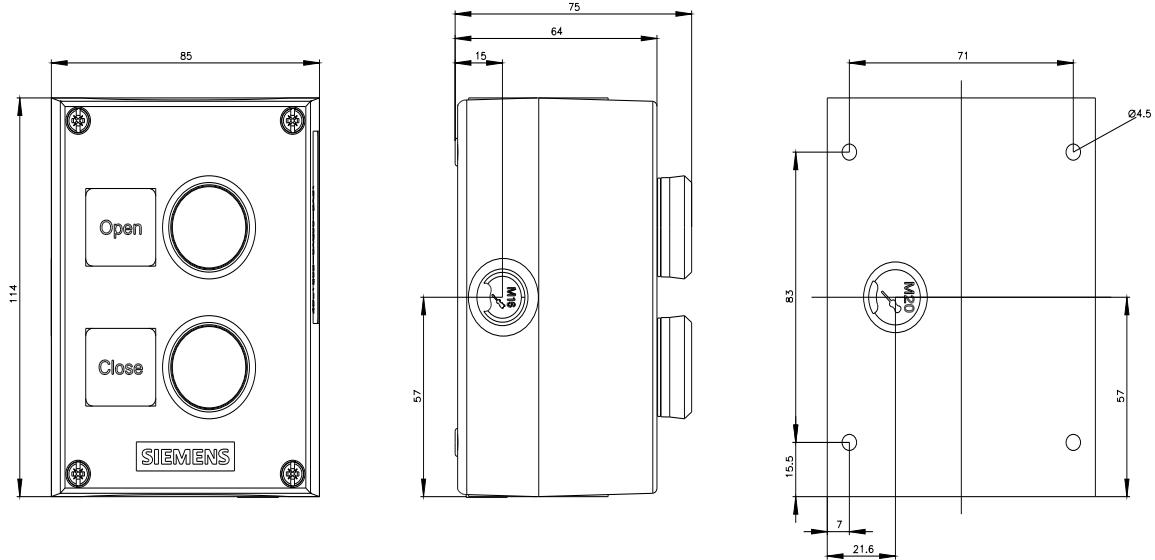
<http://support.automation.siemens.com/WW/CAOrder/default.aspx?lang=en&mlfb=3SU1802-0AQ00-2AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AQ00-2AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AQ00-2AB1&lang=en



last modified:

1/26/2022