SIEMENS

Data sheet 3SU1801-0AQ00-2AB1

enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part gray, 1 control point, A= Selector switch, black, plastic, 3 switch positions, latching, label: Hand-Off-Auto, 1 NO, 1 NO, screw terminal, floor mounting, 1xM20 each on top and bottom Label glued in

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Toggle switch
manufacturer's article number	
● of supplied contact module	A1 = 3SU1400-2AA10-1BA0 / A2 = 3SU1400-2AA10-1BA0
● of supplied contact module at the command point A 1	3SU1400-2AA10-1BA0
● of supplied contact module at the command point A 2	3SU1400-2AA10-1BA0
● of the supplied holder	A = 3SU1500-0AA10-0AA0
● of the supplied holder at the command point A	3SU1500-0AA10-0AA0
● of the supplied actuator	3SU1002-2BL60-0AA0
● of the supplied actuator at the command point A	3SU1002-2BL60-0AA0
● of supplied empty enclosure	3SU1801-0AZ00 K0Y
● of supplied accessory	A = 3SU1900-0AF16-0AZ0
● of the supplied accessories at the command point A	3SU1900-0AF16-0AZ0
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	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
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	2
type of unlocking device	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	
● 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
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	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					
CSA	CCC	Confirmation	UL	VDE	EAC

Declaration of Conformity		Test Certificates	Marine / Shipping		
UK CA	EG-Konf.	Type Test Certificates/Test Report	ABS	LRS	PRS

Marine / Shipping	other	Environment
RINA	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

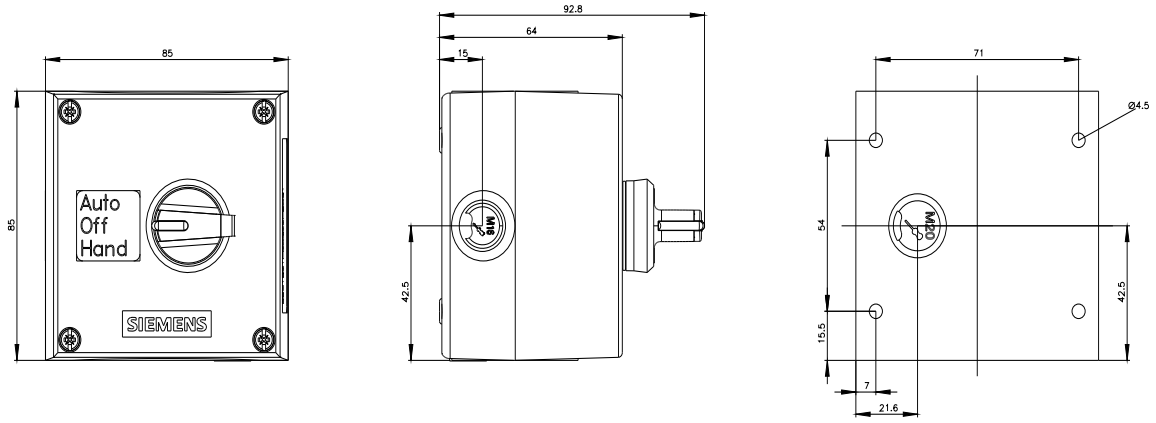
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0AQ00-2AB1

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AQ00-2AB1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AQ00-2AB1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AQ00-2AB1&lang=en



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