SIEMENS

Data sheet

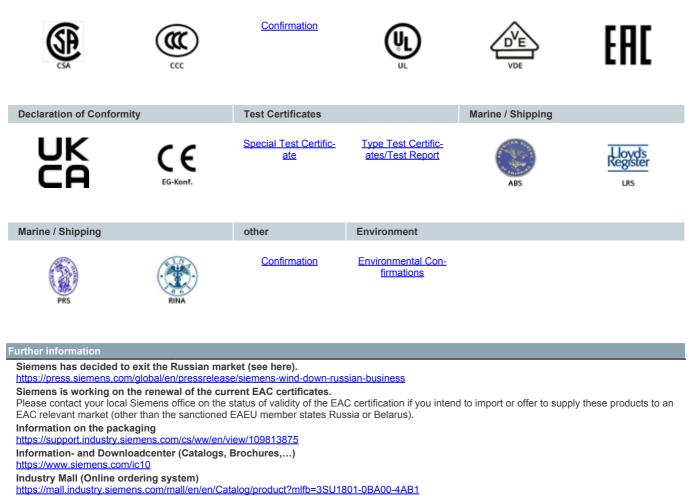
3SU1801-0BA00-4AB1



Enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part gray, 1 control point, A = Selector switch, black, metal, 3 switch positions, momentary contact type, 1 NO, 1 NO, spring-type terminal, floor mounting, support terminal, recess for label, 1xM20 each on top and bottom

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 = 3SU1400-2AA10-3BA0, A2 = 3SU1400-2AA10-3BA0
 of supplied contact module at the command point A 1 	<u>3SU1400-2AA10-3BA0</u>
 of supplied contact module at the command point A 2 	<u>3SU1400-2AA10-3BA0</u>
 of the supplied holder 	A = 3SU1550-0AA10-0AA0
 of the supplied holder at the command point A 	<u>3SU1550-0AA10-0AA0</u>
 of the supplied actuator 	<u>3SU1052-2BM10-0AA0</u>
 of the supplied actuator at the command point A 	<u>3SU1052-2BM10-0AA0</u>
 of supplied empty enclosure 	<u>3SU1801-0AA00-0AB1</u>
 of supplied support terminal 	A4 = 3SU1400-4DA43-3AA0
 of supplied support terminal at the command point A 	<u>3SU1400-4DA43-3AA0</u>
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	Selector, short
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	2
Front ring	
product component front ring	Yes
design of the front ring	Standard

material of the front ring	 Metal, high gloss
color of the front ring	silver
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	, _, 0, 0, 1, 1, 1, 1, 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	
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	
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	10/01/2014
• 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	5 500 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	
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	2
	Spring type terminal
type of electrical connection of modules and accessories	Spring-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	11.2 N·m
tightening torque of fixing screws in the enclosure cover Ambient conditions	1.5 1.7 N·m
ambient temperature	-25 +70 °C
during operation	-25 +70 °C
ouring storage	
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
number of inscription plates	0
Certificates/ approvals	
General Product Approval	
outoral i roudot Approval	



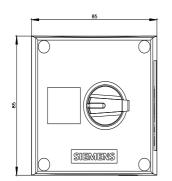
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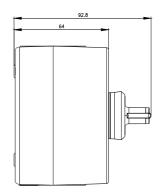
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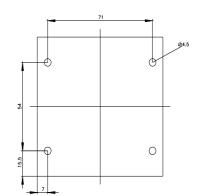
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

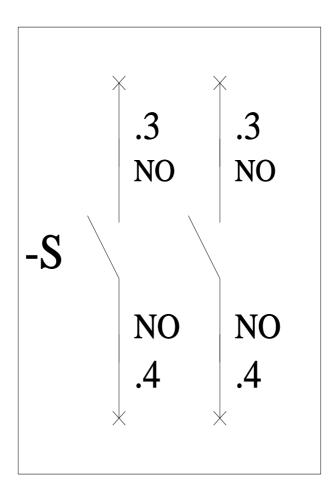
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0BA00-4AB1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0BA00-4AB1&lang=en









1/26/2022 🖸

7/27/2023