SIEMENS

Data sheet

3SU1853-0AD00-2AB1



Enclosure for command devices, 22 mm, round, Enclosure material metal, enclosure top part gray, 3 control points metal, C=Pushbutton black,Label: II, 1 NO, screw terminal, B=pushbutton black,Label I, 1 NO, screw terminal, A=Pushbutton red, label: O, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels enclosed

OAA10-0AA0• of the supplied holder at the command point A3SU1550-0AA10-0AA0• of the supplied holder at the command point B3SU1550-0AA10-0AA0• of the supplied holder at the command point C3SU1550-0AA10-0AA0• of the supplied actuatorA = 3SU1050-0AB20-0AA0 / B = 3SU1050-0AB10-0AA0 / C = 3SU1050-0AB10-0AA0• of the supplied actuator at the command point A3SU1050-0AB20-0AA0• of the supplied actuator at the command point B3SU1050-0AB10-0AA0• of the supplied actuator at the command point B3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of supplied actuator at the command point C3SU1050-0AB10-0AA0• of supplied empty enclosure3SU1853-0AA00-0AB1	product brand name	SIRIUS ACT
equipment of commanding and signaling device A = Pushbutton / C = Pushbutton manufacturer's article number • of supplied contact module • of supplied contact module A = Pushbutton / C = Pushbutton • of supplied contact module at the command point A 3SU1400-2AA10-1CA0 / B2 = 3SU1400-2AA10-1BA0 • of supplied contact module at the command point B 3SU1400-2AA10-1BA0 • of supplied contact module at the command point C 3SU1400-2AA10-1BA0 • of supplied contact module at the command point C 3SU1400-2AA10-1BA0 • of supplied holder A = 3SU1550-0AA10-0AA0, B = 3SU1550-0AA10-0AA0, C = 3SU155 • of the supplied holder at the command point C 3SU1550-0AA10-0AA0 • of the supplied holder at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator SU1550-0AA10-0AA0 • of the supplied actuator SU1050-0AB20-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied accussories at the command point C 3SU1550-0AA10-0AA0 • of the supplied acces	product designation	Enclosures
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• of supplied contact module A1 = 3SU1400-2AA10-1CA0 / B2 = 3SU1400-2AA10-1BA0 / C2 = 3SU1400-2AA10-1BA0 • of supplied contact module at the command point A 3SU1400-2AA10-1CA0 • of supplied contact module at the command point B 3SU1400-2AA10-1BA0 • of supplied contact module at the command point C 3SU1400-2AA10-1BA0 • of supplied contact module at the command point C 3SU1400-2AA10-1BA0 • of supplied contact module at the command point C 3SU1400-2AA10-1BA0 • of the supplied holder A = 3SU1550-0AA10-0AA0, B = 3SU1550-0AA10-0AA0, C = 3SU1550-0AA10-0AA0 • of the supplied holder at the command point A 3SU1550-0AA10-0AA0 • of the supplied holder at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator A = 3SU150-0AA10-0AA0 • of the supplied actuator at the command point A 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU11050-0AB10-0AA0 • of the supplied accusore 3SU1400-2AF16-0QA0 • of the supplied accusore 3SU1930-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190 • of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0Q	equipment of commanding and signaling device	A = Pushbutton / B = Pushbutton / C = Pushbutton
3SU1400-2AA10-1BA0 of supplied contact module at the command point A of supplied contact module at the command point B of supplied contact module at the command point C of supplied contact module at the command point C of the supplied holder of the supplied holder at the command point A of the supplied holder at the command point A of the supplied holder at the command point A of the supplied holder at the command point C of the supplied holder at the command point C of the supplied actuator of the supplied actuator of the supplied actuator of the supplied actuator A = 3SU1550-0AA10-0AA0 of the supplied actuator at the command point C of the supplied actuator at the command point A 3SU1400-2AA10-0AA0 of the supplied actuator at the command point C of the supplied actuator at the command point C of the supplied actuator at the command point B SU1050-0AB10-0AA0 of the supplied actuator at the command point C of the supplied actuator at the command point C of the supplied actuator at the command point C of the supplied actuator at the command point C of supplied accessory </th <th>manufacturer's article number</th> <th></th>	manufacturer's article number	
1 of supplied contact module at the command point B 2 3SU1400-2AA10-1BA0 a of supplied contact module at the command point C 3SU1400-2AA10-1BA0 a of the supplied holder A = 3SU1550-0AA10-0AA0, B = 3SU1550-0AA10-0AA0, C = 3SU155 a of the supplied holder at the command point A 3SU1550-0AA10-0AA0 a of the supplied holder at the command point B 3SU1550-0AA10-0AA0 a of the supplied holder at the command point C 3SU1550-0AA10-0AA0 a of the supplied holder at the command point C 3SU1550-0AA10-0AA0 a of the supplied actuator A = 3SU1050-0AB10-0AA0 b of the supplied actuator A = 3SU1050-0AB10-0AA0 a of the supplied actuator at the command point A 3SU1050-0AB10-0AA0 b of the supplied actuator at the command point B 3SU1050-0AB10-0AA0 c of the supplied actuator at the command point C 3SU1950-0AA10-0AA0 b of the supplied actuator at the command point C 3SU1950-0AB10-0AA0 c of the supplied accessory A = 3SU1950-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU195 b of the supplied accessories at the command point A 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190 c of the supplied accessories at the command point B 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190 c of th	 of supplied contact module 	
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• of the supplied holder at the command point B 3SU1550-0AA10-0AA0 • of the supplied holder at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator A = 3SU1050-0AB20-0AA0 / B = 3SU1050-0AB10-0AA0 / C = 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point A 3SU1050-0AB20-0AA0 • of the supplied actuator at the command point B 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied accessory A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point C	 of the supplied holder 	A = 3SU1550-0AA10-0AA0, B =3SU1550-0AA10-0AA0, C = 3SU1550- 0AA10-0AA0
• of the supplied holder at the command point C 3SU1550-0AA10-0AA0 • of the supplied actuator A = 3SU1050-0AB20-0AA0 / B = 3SU1050-0AB10-0AA0 / C = 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point A 3SU1050-0AB20-0AA0 • of the supplied actuator at the command point B 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied accessory A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 Enclosure metal material of the housing with recess for label sh	 of the supplied holder at the command point A 	<u>3SU1550-0AA10-0AA0</u>
• of the supplied actuator A = 3SU1050-0AB20-0AA0 / B = 3SU1050-0AB10-0AA0 / C = 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point A 3SU1050-0AB20-0AA0 • of the supplied actuator at the command point B 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of the supplied actuator at the command point C 3SU1050-0AB10-0AA0 • of supplied actuator at the command point C 3SU1950-0AB10-0AA0 • of supplied accessory A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190 • of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 Enclosure with recess for label • adapt of the enclosure front rectangular material of the enclosure metal number of command points 3	 of the supplied holder at the command point B 	<u>3SU1550-0AA10-0AA0</u>
a SU1050-0AB10-0AA0 • of the supplied actuator at the command point A • of the supplied actuator at the command point B • of the supplied actuator at the command point C • of the supplied actuator at the command point C • of supplied empty enclosure • of supplied accessory • of the supplied accessory • of the supplied accessories at the command point A • of the supplied accessories at the command point A • of the supplied accessories at the command point A • of the supplied accessories at the command point B • of the supplied accessories at the command point A • of the supplied accessories at the command point C • of the supplied accessories at the command point B • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the supplied accessories at the command point C • of the enclosure front • rectangular material of the enclosure <th> of the supplied holder at the command point C </th> <th><u>3SU1550-0AA10-0AA0</u></th>	 of the supplied holder at the command point C 	<u>3SU1550-0AA10-0AA0</u>
• of the supplied actuator at the command point B3SU1050-0AB10-0AA0• of the supplied actuator at the command point C3SU1050-0AB10-0AA0• of supplied empty enclosure3SU1853-0AA00-0AB1• of supplied accessoryA = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190• of the supplied accessories at the command point A3SU1900-0AF16-0QA0• of the supplied accessories at the command point B3SU1900-0AF16-0QB0• of the supplied accessories at the command point C3SU1900-0AF16-0QB0• of the supplied accessories at the command point B3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the supplied accessories at the command point C3SU1900-0AF16-0QC0• of the enclosure frontrectangularmaterial of the enclosure frontmetalnumber of command points3	 of the supplied actuator 	
 of the supplied actuator at the command point C of supplied empty enclosure of supplied accessory a SU1853-0AA00-0AB1 A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU190 of the supplied accessories at the command point A of the supplied accessories at the command point B of the supplied accessories at the command point C 3SU1900-0AF16-0QA0 of the supplied accessories at the command point B a SU1900-0AF16-0QB0 of the supplied accessories at the command point C SU1900-0AF16-0QC0 	 of the supplied actuator at the command point A 	<u>3SU1050-0AB20-0AA0</u>
• of supplied empty enclosure 3SU1853-0AA00-0AB1 • of supplied accessory A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QB0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 Enclosure design of the housing with recess for label rectangular material of the enclosure metal number of command points 3	 of the supplied actuator at the command point B 	<u>3SU1050-0AB10-0AA0</u>
• of supplied accessory A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0QC0 • of the supplied accessories at the command point A • of the supplied accessories at the command point B • of the supplied accessories at the command point B • of the supplied accessories at the command point C • of the supplied accessories at the command point C • OAF16-0QB0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the supplied accessories at the command point C • OAF16-0QC0 • of the housing with recess for label • shape of the enclosure front rectangular material of the enclosure metal • number of command points 3	 of the supplied actuator at the command point C 	<u>3SU1050-0AB10-0AA0</u>
• of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 • of the supplied accessories at the command point B 3SU1900-0AF16-0QB0 • of the supplied accessories at the command point C 3SU1900-0AF16-0QC0 Enclosure design of the housing with recess for label rectangular material of the enclosure metal number of command points 3	 of supplied empty enclosure 	<u>3SU1853-0AA00-0AB1</u>
 of the supplied accessories at the command point B of the supplied accessories at the command point C 3SU1900-0AF16-0QB0 3SU1900-0AF16-0QC0 Enclosure design of the housing with recess for label shape of the enclosure front rectangular material of the enclosure metal number of command points 3	 of supplied accessory 	A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900- 0AF16-0QC0
of the supplied accessories at the command point C <u>3SU1900-0AF16-0QC0</u> <u>Enclosure</u> design of the housing with recess for label rectangular material of the enclosure number of command points 3	 of the supplied accessories at the command point A 	<u>3SU1900-0AF16-0QA0</u>
Enclosure design of the housing with recess for label shape of the enclosure front rectangular material of the enclosure metal number of command points 3	 of the supplied accessories at the command point B 	<u>3SU1900-0AF16-0QB0</u>
design of the housingwith recess for labelshape of the enclosure frontrectangularmaterial of the enclosuremetalnumber of command points3	 of the supplied accessories at the command point C 	<u>3SU1900-0AF16-0QC0</u>
shape of the enclosure front rectangular material of the enclosure metal number of command points 3	Enclosure	
material of the enclosure metal number of command points 3	design of the housing	with recess for label
number of command points 3	shape of the enclosure front	rectangular
	material of the enclosure	metal
product component	number of command points	3
	product component	
EMERGENCY STOP device No	EMERGENCY STOP device	No
protective collar No	protective collar	No
color of the enclosure top part grey	color of the enclosure top part	grey
delivery state	delivery state	
• as a kit No	● as a kit	No
pre-wired on strip terminal No	 pre-wired on strip terminal 	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 = red / B = black / C = black
material of the actuating element	metal
shape of the actuating element	round
number of contact modules	3
type of unlocking device	A = none / B = none / C = none
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
	Flash
Display	0
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, 12, 13
shock resistance	
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
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	5 500.1/
— at 50 Hz rated value	5 500 V 5 500 V
— at 60 Hz rated value	
at DC rated value Communication/ Protocol	5 500 V
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	1
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	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no

60721	C	ondensation in operation pe	ermitted for all devices b	ehind front panel)	
nstallation/ mounting/ dimensions					
fastening method of modules and access	ories F	loor mounting			
height		58.4 mm			
width	8	5 mm			
depth		5 mm			
shape of the installation opening		round			
Accessories					
number of labels					
		A = O / B = I / C = II			
color of the label	A	= black / B = black / C = bl	lack		
number of inscription plates	0				
Certificates/ approvals					
General Product Approval					
Confirmation CSA			DE	EHC	
Declaration of Conformity	Test Certificates	i de la companya de l	Marine / Shipping		
CE UK EG-Konf.	<u>Type Test Certific</u> ates/Test Report	- <u>Special Test Certific-</u> ate	ABS	Lloyd's Register LRS	
Marine / Shipping		other			
PRS RINA	RMRS	Environmental Con- firmations	<u>Confirmation</u>		
urther information Information- and Downloadcenter (Cat <u>https://www.siemens.com/ic10</u> Industry Mall (Online ordering system))	ifb=3SU1853-0AD00-2AB1			

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-0AD00-2AB1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-0AD00-2AB1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1853-0AD00-2AB1&lang=en

last modified:

1/26/2022 🖸