

enclosure for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 1 control point metal, A=Siemens key-operated switch SSG10 key removal O+I, 1 NO, spring-loaded terminal, floor mounting, silver label, black font with graphic symbol: gear wheels, M12 connector (5-pole) bottom, insulated reserve conductors label glued in

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = keyswitch
manufacturer's article number	
• of supplied contact module • of supplied contact module at the command point A	A1 = 3SU1400-2AA10-3BA0 3SU1400-2AA10-3BA0
• of the supplied holder • of the supplied holder at the command point A • of the supplied actuator • of the supplied actuator at the command point A • of supplied empty enclosure	A = 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 A = 3SU1050-5BF11-0AA0 3SU1050-5BF11-0AA0 3SU1851-0AA00-0AB1

Enclosure

design of the housing	with recess for label
shape of the enclosure front	Square
material of the enclosure	metal
number of command points	1
product component	
• EMERGENCY STOP device • protective collar	No No
color of the enclosure top part	grey
delivery state	
• as a kit • pre-wired on strip terminal	No Yes
fastening method of the enclosure	Vertical

Actuator

design of the actuating element	Key-operated switch
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	silver
material of the actuating element	metal
shape of the actuating element	round
number of contact modules	1
type of unlocking device	A = key-operated release

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
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Display

number of LED modules	0
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General technical data

product function	
• positive opening • EMERGENCY OFF function • EMERGENCY STOP function	No No 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)	07/01/2006
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
cable entry type	M12 plug, 5-pole
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	1
Connections/ Terminals	
type of electrical connection of modules and accessories	Spring-type terminal
type of electrical connection on enclosure	M12 connector, 5-pole
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
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	89.4 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	0
Certificates/ approvals	
General Product Approval	



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



Marine / Shipping	other	Environment
 RINA	 RMRS	Confirmation Environmental Confirmations

Further information

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=3SU1851-0AF00-4NB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AF00-4NB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AF00-4NB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AF00-4NB1&lang=en

last modified:

1/26/2022 