

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	
<ul style="list-style-type: none"> • of supplied contact module • of supplied contact module at the command point A 1 • 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 	A1 = 3SU1400-2AA10-3BA0 3SU1400-2AA10-3BA0 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	
<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 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
Display	
number of LED modules	0
General technical data	
product function	
<ul style="list-style-type: none"> • 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
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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



[Type Test Certificates/Test Report](#)



Marine / Shipping other Environment



[Confirmation](#)

[Environmental Con-
firmations](#)

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=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

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