

Enclosure for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 1 control point metal, A=CES keyswitch SSG10, Key removal O+, 1 NO, spring-loaded terminal, floor mounting, silver label, black font, with graphic symbol: Gear wheels, M12 connector (5-pin) bottom, insulated reserve conductors
Label glued in

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
Manufacturer's article number	
<ul style="list-style-type: none"> • of supplied contact module 	A1 = 3SU1400-2AA10-3BA0
<ul style="list-style-type: none"> • of supplied contact module at the command point A 1 	3SU1400-2AA10-3BA0
<ul style="list-style-type: none"> • of the supplied holder 	A = 3SU1550-0AA10-0AA0
<ul style="list-style-type: none"> • of the supplied holder at the command point A 	3SU1550-0AA10-0AA0
<ul style="list-style-type: none"> • of the supplied actuator 	A = 3SU1050-5BF11-0AA0
<ul style="list-style-type: none"> • of the supplied actuator at the command point A 	3SU1050-5BF11-0AA0
<ul style="list-style-type: none"> • of supplied empty enclosure 	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 	No
<ul style="list-style-type: none"> • protective collar 	No
Color	
<ul style="list-style-type: none"> • of top part of the enclosure 	grey
Delivery state	
<ul style="list-style-type: none"> • as a kit 	No
<ul style="list-style-type: none"> • pre-wired on strip terminal 	Yes
Mounting type of the enclosure	Vertical

Actuator

Design of the operating mechanism	Key-operated switch
Suitability for use EMERGENCY OFF switch	No
Product feature	
<ul style="list-style-type: none"> • 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	Metal
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Display

Number of LED modules	0
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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, 12, 13
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	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
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 5-pole connector

Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
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Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	1

Connections/ Terminals

Type of electrical connection	Spring-type terminal
• of modules and accessories	
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 mounting screws in the enclosure cover	1.5 ... 1.7 N·m

Interfaces

Design of the interface	without
• for communication	

Ambient conditions

Ambient temperature	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)
• during operation	
• during storage	
Environmental category during operation acc. to IEC 60721	

Installation/ mounting/ dimensions

Mounting type	Floor mounting
• of modules and accessories	
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	Declaration of Conformity
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Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Confirmation](#)

Further information

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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