

Enclosure for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 1 control point metal, A=Pushbutton yellow, 1 NO, spring-loaded terminal, floor mounting, silver label, black font, with graphic symbol: Error, 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	
• 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 = 3SU1050-0AB30-0AA0 3SU1050-0AB30-0AA0 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	Pushbutton
suitability for use EMERGENCY OFF switch	No
product feature	
• lockout • product extension optional light source	No No

color	
• of the actuating element	yellow
material of the actuating element	metal
shape of the actuating element	round
number of contact modules	1
type of unlocking device	A = without

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

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, 12, 13
shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
reference code acc. 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
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

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	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 fixing screws in the enclosure cover	1.5 ... 1.7 N·m

Ambient conditions	
environmental category during operation acc. 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	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	
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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=3SU1851-0AG00-4NB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AG00-4NB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AG00-4NB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AG00-4NB1&lang=en

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