SIEMENS

Data sheet



Enclosure for command devices, 22 mm, round, Enclosure material metal, Enclosure top part yellow, 1 control point metal, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, Control point in center, 2 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = EMERGENCY STOP mushroom pushbutton, 40 mm, with positive latching acc. to ISO 13850 and rotate-to-unlatch mechanism
manufacturer's article number	
 of supplied contact module 	A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1CA0
 of supplied contact module at the command point A 	3SU1400-2AA10-1CA0
 of supplied contact module at the command point A 	3SU1400-2AA10-1CA0
 of the supplied holder 	A = 3SU1550-0AA10-0AA0
 of the supplied holder at the command point A 	3SU1550-0AA10-0AA0
 of the supplied actuator 	A = 3SU1050-1HB20-0AA0
 of the supplied actuator at the command point A 	3SU1050-1HB20-0AA0
 of supplied empty enclosure 	3SU1851-0AA00-0AA2
Enclosure	
design of the housing	Command point in center
shape of the enclosure front	Square
material of the enclosure	metal
number of command points	1
product component	
 EMERGENCY STOP device 	Yes
protective collar	No
color of the enclosure top part	yellow
delivery state	
• as a kit	No
pre-wired on strip terminal	No
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	EMERGENCY STOP mushroom pushbutton
suitability for use EMERGENCY OFF switch	Yes
product feature lockout	No
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	2
type of unlocking device	A = rotate-to-unlatch mechanism
Front ring	

product component front ring	No
design of the front ring	Standard
Holder	Standard
	Disable
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function	
 positive opening 	Yes
 EMERGENCY OFF function 	Yes
EMERGENCY STOP function	Yes
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 action and according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	40 500 Hz. 5-
• according to IEC 60068-2-6	10 500 Hz: 5g S
reference code according to IEC 81346-2 continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
	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 Substance Prohibitance (Date)	10/O1/2014
operating voltage	10/01/2014
• 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
Communication/ Protocol	0 000 V
design of the interface for communication	without
Auxiliary circuit	without
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
type of electrical connection on modules and accessories	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	1.5 1.7 N·m
cover	1.5 1.7 Will
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	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	109 mm
shape of the installation opening	round
Accessories	
number of labels	1
marking of the name plate for command devices	A = I
number of inscription plates	0
number of inscription plates Certificates/ approvals	0
	0





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report





Marine / Shipping

other







Confirmation

Environmental Confirmations

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=3SU1851-0NB00-2AA2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0NB00-2AA2

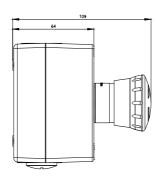
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

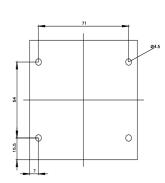
https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0NB00-2AA2

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0NB00-2AA2\&lang=en}}$







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