SIEMENS

Data sheet

3SU1802-0NB00-2AB2



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 2 control points plastic, B=Indicator light red, LED 24 V, screw terminal, label without inscription, A=Emergency stop 40 mm rotate-to-unlatch, label without inscription, 1 NO, 1 NC, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels enclosed

needuct brand name	
product brand name	SIRIUS ACT Enclosures
product designation	
product type designation	3SU1
equipment of commanding and signaling device	A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism / B = indicator light 24 V AC/DC
manufacturer's article number	
 of supplied contact module 	A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1BA0, A3 = 3SU1400-2AA10-1CA0
 of supplied contact module at the command point A 1 	<u>3SU1400-2AA10-1CA0</u>
 of supplied contact module at the command point A 2 	<u>3SU1400-2AA10-1BA0</u>
 of supplied contact module at the command point A 3 	<u>3SU1400-2AA10-1CA</u>
 of supplied LED module 	B3 = 3SU1401-2BG20-1AA0
 of supplied LED module at the command point B 	<u>3SU1401-2BB20-1AA0</u>
 of the supplied holder 	A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0
 of the supplied holder at the command point A 	<u>3SU1500-0AA10-0AA0</u>
 of the supplied holder at the command point B 	<u>3SU1500-0AA10-0AA0</u>
 of the supplied actuator 	A = 3SU1000-1HB20-0AA0
 of the supplied actuator at the command point A 	<u>3SU1000-1HB20-0AA0</u>
 of the supplied actuator at the command point B 	<u>3SU1001-6AA20-0AA0</u>
 of supplied repeater 	B = 3SU1001-6AA20-0AA0
 of supplied empty enclosure 	<u>3SU1802-0AA00-0AB2</u>
 of supplied accessory 	A = 3SU1900-0AF16-0AA0, B = 3SU1900-0AF16-0AA0
 of the supplied accessories at the command point A 	<u>3SU1900-0AF16-0AA0</u>
 of the supplied accessories at the command point B 	<u>3SU1900-0AF16-0AA0</u>
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	2
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	Indicator light / EMERGENCY STOP mushroom pushbutton

suitability for use EMERGENCY OFF switch	Yes
product feature lockout	No
product extension optional light source	Yes
color of the actuating element	A = red / B = red
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	3
type of unlocking device	A = Rotate to unlock / B = none
Front ring	N
product component front ring	Yes Standard
design of the front ring	plastic
material of the front ring color of the front ring	black
-	DIACK
Holder	Plastia
material of the holder	Plastic
Display	
number of LED modules	1
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, 12K, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
 vibration resistance according to IEC 60068-2-6 	10 500 Hz: 5g
 for railway applications according to EN 61373 	Category 1, Class B
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, for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	24 24 V
— at 60 Hz rated value	24 24 V
 at DC rated value 	24 24 V
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	2
number of NO contacts for auxiliary contacts	- 1
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
type of electrical connection on enclosure	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	
tightening torque with screw-type terminals	0.8 0.9 N·m
Lamp	
light intensity	450 1 120 mcd
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no
60721	condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	

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Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

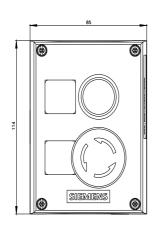
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1802-0NB00-2AB2

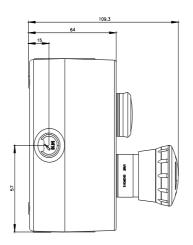
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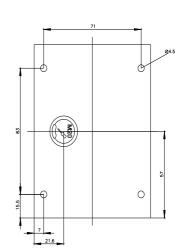
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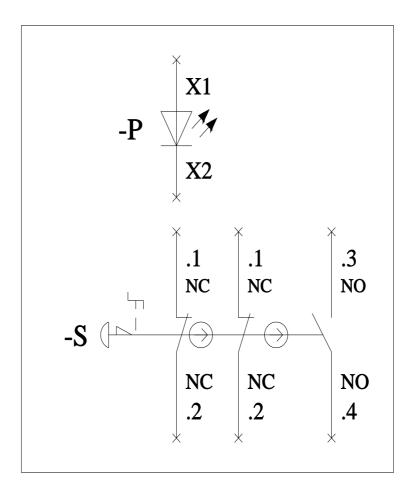
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0NB00-2AB2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0NB00-2AB2&lang=en









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