## SIEMENS

## Data sheet

## 3SU1801-0NB00-2AC2



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

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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				
<ul> <li>of supplied contact module</li> </ul>	A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1CA0			
<ul> <li>of supplied contact module at the command point A 1</li> </ul>	<u>3SU1400-2AA10-1CA0</u>			
<ul> <li>of supplied contact module at the command point A 2</li> </ul>	<u>3SU1400-2AA10-1CA0</u>			
<ul> <li>of the supplied holder</li> </ul>	A = 3SU1500-0AA10-0AA0			
<ul> <li>of the supplied holder at the command point A</li> </ul>	<u>3SU1500-0AA10-0AA0</u>			
<ul> <li>of the supplied actuator</li> </ul>	A = 3SU1000-1HB20-0AA0			
<ul> <li>of the supplied actuator at the command point A</li> </ul>	<u>3SU1000-1HB20-0AA0</u>			
<ul> <li>of supplied empty enclosure</li> </ul>	<u>3SU1801-0AA00-0AC2</u>			
Enclosure				
design of the housing	with protective collar			
shape of the enclosure front	Square			
material of the enclosure	plastic			
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			
<ul> <li>pre-wired on strip terminal</li> </ul>	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		
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, 12K, 13	
shock resistance		
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
vibration resistance		
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
<ul> <li>for railway applications according to EN 61373</li> </ul>	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	
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	5 500 V	
— at 60 Hz rated value	5 500 V	
• at DC rated value	5 500 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	0	
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 cover	1.5 1.7 N·m	
tightening torque with screw-type terminals	0.8 0.9 N·m	
Ambient conditions		
ambient temperature		
<ul> <li>during operation</li> </ul>	-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	
60721	condensation in operation permitted for all devices behin	d front panel)
Installation/ mounting/ dimensions		
fastening method of modules and accessories	Floor mounting	
height	85 mm	
width	85 mm	
depth	112.5 mm	
shape of the installation opening	round	
Accessories		
number of labels	0	
number of inscription plates	0	
Certificates/ approvals		
General Product Approval		Declaration of Con- formity

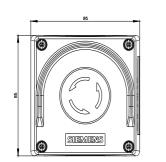
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Declaration of Con- formity	Test Certificates		Marine / Shipping		
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Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			
Further information					
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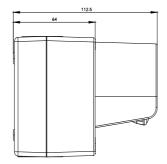
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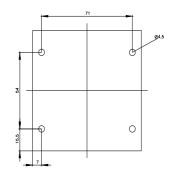
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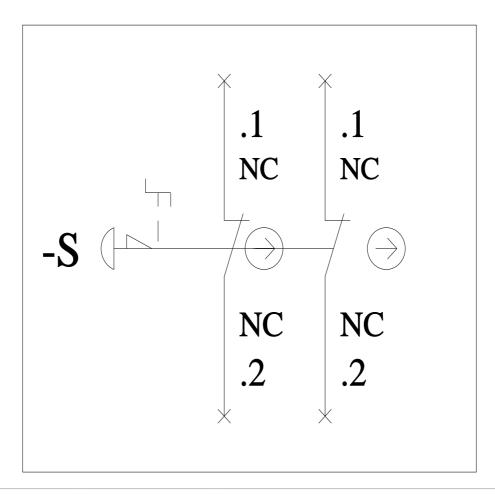
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NB00-2AC2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1801-0NB00-2AC2&lang=en









1/26/2022 🖸