## SIEMENS

## Data sheet

## 3SU1803-3NB00-1AE1

two-hand operation console for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 3 holes for command points, 8 additional preset breaking points for 22 mm command devices, 2 mushroom pushbuttons black 40 mm, 2x1NO+1NC, screw terminal, 1 EMERGENCY STOP red, 40 mm, 2 NC, screw terminal, front mounting, with cable cut-outs for metric screw connections



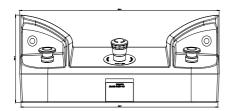
product brand name	SIRIUS ACT
product designation	Two-hand operation console
product type designation	3SU1
manufacturer's article number	
of supplied contact module	R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400- 1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M2 = 3SU1400-1AA10-1CA0
<ul> <li>of supplied contact module at the command point A 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>
<ul> <li>of supplied contact module at the command point A 3</li> </ul>	<u>3SU1400-1AA10-1BA0</u>
<ul> <li>of supplied contact module at the command point B 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>
<ul> <li>of supplied contact module at the command point B 3</li> </ul>	<u>3SU1400-1AA10-1CA0</u>
<ul> <li>of supplied contact module at the command point C 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>
<ul> <li>of supplied contact module at the command point C 3</li> </ul>	<u>3SU1400-1AA10-1BA0</u>
<ul> <li>of the supplied holder at the command point A</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
<ul> <li>of the supplied holder at the command point B</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
<ul> <li>of the supplied holder at the command point C</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
<ul> <li>of the supplied actuator at the command point A</li> </ul>	<u>3SU1000-1BD10-0AA0</u>
<ul> <li>of the supplied actuator at the command point B</li> </ul>	<u>3SU1000-1HB20-0AA0</u>
<ul> <li>of the supplied actuator at the command point C</li> </ul>	<u>3SU1000-1BD10-0AA0</u>
<ul> <li>of supplied empty enclosure</li> </ul>	<u>3SU1803-3AA00-0AA1</u>
<ul> <li>of the supplied accessories at the command point B</li> </ul>	<u>3SU1900-0BB31-0AT0</u>
inclosure	
design of the housing	Two-hand operating console with standard components
material of the enclosure	plastic
number of command points	3
color of the enclosure top part	grey
delivery state	
• as a kit	No
<ul> <li>pre-wired on strip terminal</li> </ul>	No
fastening method of the enclosure	Horizontal
Actuator	
design of the actuating element	A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton
principle of operation of the actuating element	A = momentary contact / B = latching / C = momentary contact
product feature	
lockout	No
<ul> <li>staggered switching</li> </ul>	No
color of the actuating element	A = black / B = red / C = black
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	6

type of uplocking device	$\Lambda = \text{pope} / \text{B} = \text{rotate to uplock} / C = \text{pope}$				
type of unlocking device	A = none / B = rotate to unlock / C = none				
Front ring	Var				
product component front ring	Yes				
material of the front ring	plastic				
color of the front ring	black				
Holder					
material of the holder	Plastic				
General technical data					
product function					
<ul> <li>positive opening</li> </ul>	Yes				
<ul> <li>EMERGENCY OFF function</li> </ul>	Yes				
EMERGENCY STOP function	Yes				
product component stand/pedestal	No				
protection class IP	IP66				
degree of protection NEMA rating	1, 4X, 12K, indoor use only, 13				
shock resistance according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms				
vibration resistance according to IEC 60068-2-6	10 500 Hz: 5g				
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				
Auxiliary circuit					
design of the contact of auxiliary contacts	Silver alloy				
number of NC contacts for auxiliary contacts	4				
number of NO contacts for auxiliary contacts	2				
Connections/ Terminals					
type of electrical connection on enclosure	Cable routing at the rear 2 x M25				
Safety related data					
proportion of dangerous failures					
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %				
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %				
failure rate [FIT] with low demand rate according to SN 31920	100 FIT				
B10 value with high demand rate according to SN 31920	100 000				
IEC 62061					
T1 value for proof test interval or service life according to IEC 61508	20 a				
Ambient conditions					
ambient temperature					
during operation	-25 +70 °C				
during storage	-40 +80 °C				
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 1 condensation in operation permitted for all devices behind				
Environmental footprint					
Environmental Product Declaration(EPD)	Yes				
Global Warming Potential [CO2 eq] total	0.787 kg				
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg				
Global Warming Potential [CO2 eq] during operation	0.235 kg				
global warming potential [CO2 eq] after end of life	-0.015 kg				
Installation/ mounting/ dimensions					
fastening method of modules and accessories	Front plate mounting				
height	185.3 mm				
width	469.2 mm				
depth	137.4 mm				
Accessories					
number of backing plates	1				
marking of backing plate	EMERGENCY-STOP				
color of backing plate	Yellow				
Approvals Certificates					

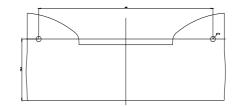
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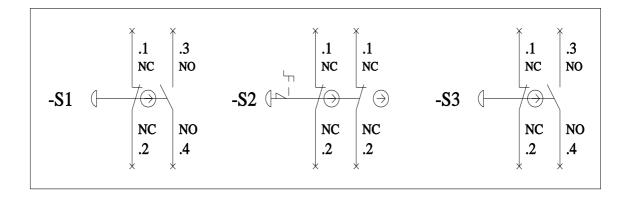
					formity		
<u>Confirmation</u>	CCC			EHC	UK CA		
Declaration of Con- formity	Test Certificates		Marine / Shipping				
CE EG-Konf.	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS	Lloyds Register us	PRS		
Marine / Shipping	other	Environment					
RINA	<u>Confirmation</u>	Environmental Con- firmations					
Further information Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging							
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Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1803-3NB00-1AE1 Cax online generator							

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