SIEMENS

Data sheet 3SU1803-3NB00-1AE1

Two-hand operation console for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 3 control points plastic, 8 additional reference holes 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
● of supplied contact module at the command point A 1	3SU1400-1AA10-1CA0
● of supplied contact module at the command point A 3	3SU1400-1AA10-1BA0
● of supplied contact module at the command point B 1	3SU1400-1AA10-1CA0
● of supplied contact module at the command point B 3	3SU1400-1AA10-1CA0
● of supplied contact module at the command point C 1	3SU1400-1AA10-1CA0
● of supplied contact module at the command point C 3	3SU1400-1AA10-1BA0
● of the supplied holder at the command point A	3SU1550-0AA10-0AA0
● of the supplied holder at the command point B	3SU1550-0AA10-0AA0
● of the supplied holder at the command point C	3SU1550-0AA10-0AA0
● of the supplied actuator at the command point A	3SU1000-1BD10-0AA0
● of the supplied actuator at the command point B	3SU1000-1HB20-0AA0
● of the supplied actuator at the command point C	3SU1000-1BD10-0AA0
● of supplied empty enclosure	3SU1803-3AA00-0AA1
● of the supplied accessories at the command point B	3SU1900-0BB31-0AT0
Enclosure	
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
● pre-wired on strip terminal	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

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product feature	
● lockout	No
● staggered switching	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 unlocking device	A = none / B = rotate to unlock / C = none
Front ring	
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	
● positive opening	Yes
● EMERGENCY OFF function	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 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
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	
B10 value with high demand rate acc. to SN 31920	100 000
proportion of dangerous failures	
● with low demand rate acc. to SN 31920	20 %
● with high demand rate acc. to SN 31920	20 %
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y
Ambient conditions	
● ambient temperature during operation	-25 ... +70 °C
● ambient temperature during storage	-40 ... +80 °C
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 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
Certificates/ approvals	

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General Product Approval					Declaration of Conformity
CCC	CCC	UL	VDE	EAC	EG-Konf.

Declaration of Conformity					
EG-Konf.	Miscellaneous	Miscellaneous	EG-Konf.	Miscellaneous	EG-Konf.

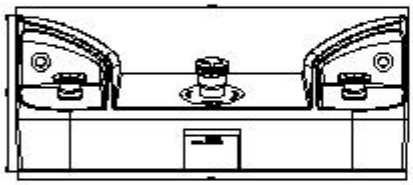
Declaration of Conformity		Test Certificates		Marine / Shipping	
Miscellaneous	Miscellaneous	Special Test Certificate	Type Test Certificates/Test Report	ABS	LRS

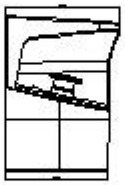
Marine / Shipping			other
PRS	RINA	RMRS	Confirmation

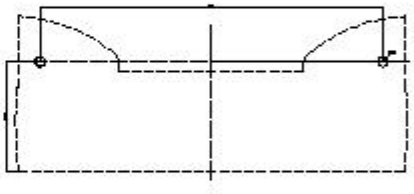
Further information

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=3SU1803-3NB00-1AE1
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1803-3NB00-1AE1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1803-3NB00-1AE1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1803-3NB00-1AE1&lang=en

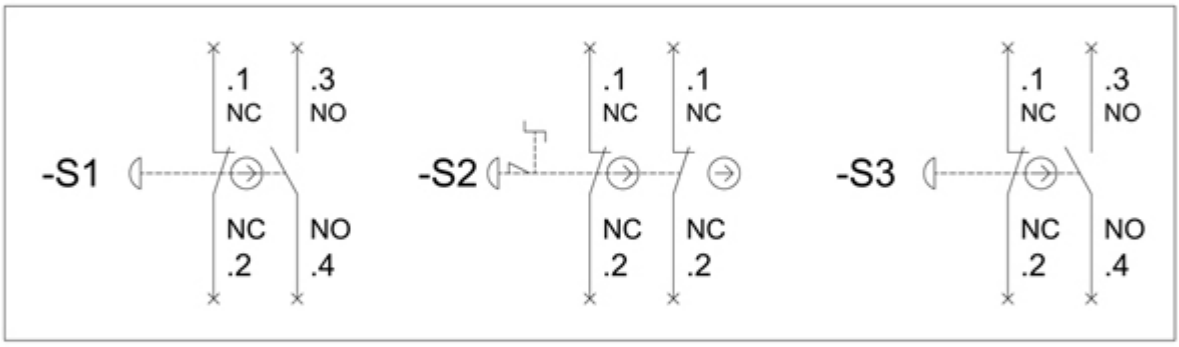
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