# **SIEMENS**

#### **Data sheet**

## 3SU1853-3NB00-1AA1

two-hand operation console for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 3 control points metal, standard equipment: 2 mushroom pushbuttons black 40 mm, 2x1NO+1NC, screw terminal, 1 EMERGENCY STOP red, 40 mm, 2 NC, screw terminal



product brand name product designation product type designation manufacturer's article number

- of supplied contact module
- of supplied contact module at the command point A
- of supplied contact module at the command point A
- of supplied contact module at the command point B
- of supplied contact module at the command point B
- of supplied contact module at the command point C
- of supplied contact module at the command point C
- of the supplied holder at the command point A
- of the supplied holder at the command point B
- of the supplied holder at the command point C
- of the supplied actuator at the command point A
- of the supplied actuator at the command point B
- of the supplied actuator at the command point C
- of supplied empty enclosure
- of the supplied accessories at the command point B

SIRIUS ACT

Two-hand operation console

3SU1

R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400-1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M2 = 3SU1400-1AA10-1CA0

3SU1400-1AA10-1CA0

3SU1400-1AA10-1BA0

3SU1400-1AA10-1CA0

3SU1400-1AA10-1CA0

3SU1400-1AA10-1CA0

3SU1400-1AA10-1BA0

3SU1550-0AA10-0AA0

3SU1550-0AA10-0AA0

3SU1550-0AA10-0AA0

3SU1050-1BD10-0AA0 3SU1050-1HB20-0AA0

3SU1050-1BD10-0AA0

3SU1853-3AA00-0AA1

3SU1900-0BB31-0AT0

#### **Enclosure**

design of the housing material of the enclosure number of command points color of the enclosure top part

delivery state

as a kitpre-wired on strip terminal

fastening method of the enclosure

Two-hand operating console with standard components

metal 3

grey

No No

Horizontal

# Actuator

design of the actuating element

principle of operation of the actuating element product feature

- lockout
- staggered switching

A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton

A = momentary contact / B = latching / C = momentary contact

No

color of the actuating element	A = black / B = red / C = black	
material of the actuating element	metal	
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	metal	
color of the front ring	silver	
Holder		
material of the holder	Metal	
General technical data		
product function		
<ul> <li>positive opening</li> </ul>	Yes	
<ul> <li>EMERGENCY OFF function</li> </ul>	Yes	
<ul> <li>EMERGENCY STOP function</li> </ul>	Yes	
product component stand/pedestal	No	
protection class IP	IP66	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 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		
B10 value with high demand rate according to SN 31920	100 000	
proportion of dangerous failures		
with low demand rate according to SN 31920	20 %	
with high demand rate according to SN 31920	20 %	
failure rate [FIT] with low demand rate according to SN	100 FIT	
31920		
Ambient conditions		
ambient temperature		
during operation	-25 +70 °C	
<ul> <li>during storage</li> </ul>	-40 +80 °C	
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity	
60721	condensation in operation permitted for all devices	behind front panel)
Installation/ mounting/ dimensions		
fastening method of modules and accessories	Front plate mounting	
height	185.6 mm	
width	492.4 mm	
depth	159.5 mm	
Accessories		
number of backing plates	1	
marking of backing plate	EMERGENCY-STOP	
color of backing plate	Yellow	
Certificates/ approvals		
Company I Browlerst A		Declaration of
General Product Approval		Conformity



Confirmation









Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other





Environmental Confirmations 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=3SU1853-3NB00-1AA1

Cax online generator

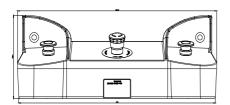
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-3NB00-1AA1

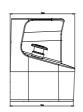
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

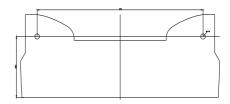
https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-3NB00-1AA1

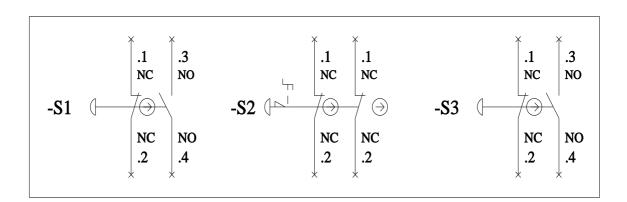
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1853-3NB00-1AA1&lang=en









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