## **SIEMENS**

## **Data sheet**

product brand name



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

product type designation equipment of commanding and signaling device  manufacturer's article number  of supplied contact module of supplied contact module of supplied contact module at the command point A 1 of the supplied holder of the supplied holder of the supplied actuator of the enclosure obsaice of the enclosure oproduct command points oproduct obsaice oproduct actuator  In No Operation of the actuating element on the supplied actuator on the enclosure top part obsaice on the actuating element on the actuatin	product designation	Enclosures
acc. to ISO 13850 and rotate-to-unlatch mechanism manufacturer's article number  • of supplied contact module • of supplied contact module at the command point A 1 • of the supplied holder • of the supplied holder at the command point A 1 • of the supplied holder at the command point A 3SU1500-0AA10-0AA0 • of the supplied actuator • of the supplied actuator A 3SU1500-0AA10-0AA0 • of the supplied actuator A 3SU1500-0AA10-0AA0 • of the supplied extuator at the command point A 3SU1500-0AA10-0AA0 • of the supplied empty enclosure • of the supplied empty enclosure  Sulta01-0AA00-0AC2  Enclosure  design of the housing with protective collar shape of the enclosure front Square material of the enclosure plastic number of command points 1 • EMERGENCY STOP device Yes • protective collar • Sulta01-0AA00-0AC2  Enclosure  • as a kit No • pre-wired on strip terminal fastening method of the enclosure  design of the actuating element suitability for use EMERGENCY OFF switch Yes product centure lockout No product extension optional light source color of the actuating element material of the actuating element material of the actuating element material of the actuating element round number of contact modules 1 1  Letter of the enclosure Position Poduct component Fort ring product component front ring No design of the actuating element number of contact modules 1 1  Letter of supplied actuator of the enclosure A = rotate-to-unlatch mechanism  Front ring Product component front ring Standard	product type designation	3SU1
of supplied contact module of supplied contact module at the command point A 1 of the supplied holder of the supplied holder at the command point A of the supplied holder at the command point A of the supplied actuator of the supplied actuator of the supplied actuator at the command point A sult500-0AA10-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-1HB20-0AA0 sult500-0AA0 sult500-1HB20-0AA0 sult500-0AA0 sult500-0AA0 sult500-0AA0 sult500-0AA0 sult500-0AA0 sult500-0AA0 sult500-1HB20-0AA0 sult500-0AA0 su	equipment of commanding and signaling device	
of supplied contact module at the command point A 1 of the supplied holder of the supplied holder at the command point A of the supplied holder at the command point A of the supplied actuator of the supplied actuator at the command point A of supplied actuator at the command point A of supplied empty enclosure  assuring of supplied empty enclosure  design of the housing shape of the enclosure front square material of the enclosure front square umber of command points 1 product component  EMERGENCY STOP device or predetive collar as a kit or pre-wired on strip terminal fastening method of the enclosure  Actuator  design of the actuating element suitability for use EMERGENCY OFF switch yes color of the actuating element suitability for use EMERGENCY OFF switch yes color of the actuating element suitability for use EMERGENCY OFF switch yes color of the actuating element material of the actuating element red material of the actuating element number of contact modules 1 type of unlocking device  Front ring product component front ring No design of the front ring No design of the front ring Standard	manufacturer's article number	
of the supplied holder     of the supplied holder at the command point A     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of the supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of the enclosure     with protective collar     shape of the onclosure front     square     material of the enclosure plastic     number of command points     of the enclosure     one of the enclosure top part     one of the enclosure     one of	<ul> <li>of supplied contact module</li> </ul>	A1 = 3SU1400-2AA10-1CA0
of the supplied holder at the command point A     of the supplied actuator     of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure  ### SSU1000-1HB20-0AAQ  **of supplied empty enclosure  ### SSU1000-1HB20-0AAQ  **SSU1801-0AA00-0AC2  ### SSU1801-0AA00-0AC2  ### SSU1801-0AA0-0AC2  ### SSU1801-0AA00-0AC2	<ul> <li>of supplied contact module at the command point A 1</li> </ul>	3SU1400-2AA10-1CA0
of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure     design of the housing     shape of the enclosure front     square     material of the enclosure plastic     number of command points     oprotective collar	<ul> <li>of the supplied holder</li> </ul>	A = 3SU1500-0AA10-0AA0
of the supplied actuator at the command point A     of supplied empty enclosure    Sulfabl-0AA00-0AC2	<ul> <li>of the supplied holder at the command point A</li> </ul>	3SU1500-0AA10-0AA0
of supplied empty 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	<ul> <li>of the supplied actuator</li> </ul>	A = 3SU1000-1HB20-0AA0
design of the housing   with protective collar	<ul> <li>of the supplied actuator at the command point A</li> </ul>	3SU1000-1HB20-0AA0
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 pre-wired on strip terminal 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 extension optional light source No color of the actuating element plastic shape of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	<ul> <li>of supplied empty enclosure</li> </ul>	3SU1801-0AA00-0AC2
shape of the enclosure front glastic number of command points 1  product component	Enclosure	
material of the enclosure number of command points  product component  • EMERGENCY STOP device • protective collar color of the enclosure top part • as a kit • as a kit • pre-wired on strip terminal fastening method of the enclosure  Actuator  design of the actuating element suitability for use EMERGENCY OFF switch product extension optional light source color of the actuating element material of the actuating element material of the actuating element product extension optional light source shape of the actuating element material of the actuating element plastic shape of the actuating element round number of contact modules type of unlocking device  Front ring product component front ring No design of the front ring Standard	design of the housing	with protective collar
number of command points  product component  EMERGENCY STOP device  protective collar  No  color of the enclosure top part  e as a kit  pre-wired on strip terminal  fastening method of the enclosure  design of the actuating element  suitability for use EMERGENCY OFF switch  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  material of the actuating element  shape of the actuating element  round  number of contact modules  front ring  product component front ring  No  design of the front ring  Standard	shape of the enclosure front	Square
product component  EMERGENCY STOP device  protective collar  No  color of the enclosure top part  delivery state  as a kit  pre-wired on strip terminal  fastening method of the enclosure  Actuator  design of the actuating element  suitability for use EMERGENCY OFF switch  product extension optional light source  color of the actuating element  material of the actuating element  red  material of the actuating element  shape of the actuating element  round  number of contact modules  1  type of unlocking device  Front ring  product component front ring  No  design of the front ring  Standard	material of the enclosure	plastic
EMERCENCY STOP device     protective collar     No  color of the enclosure top part  delivery state     as a kit     No     pre-wired on strip terminal     No fastening method of the enclosure  Actuator  design of the actuating element     suitability for use EMERGENCY OFF switch     product feature lockout     No product extension optional light source     color of the actuating element     material of the actuating element     plastic     shape of the actuating element     round     number of contact modules     1 type of unlocking device     A = rotate-to-unlatch mechanism  Front ring  product component front ring     No design of the front ring     Standard	number of command points	1
protective collar     color of the enclosure top part     yellow  delivery state     as a kit     No     pre-wired on strip terminal     No  fastening method of the enclosure  Actuator  design of the actuating element     suitability for use EMERGENCY OFF switch     yes product feature lockout     No product extension optional light source     not of the actuating element     material of the actuating element     shape of the actuating element     round number of contact modules     1 type of unlocking device     A = rotate-to-unlatch mechanism  Front ring  product component front ring     No design of the front ring     Standard	product component	
color of the enclosure top part  delivery state	<ul> <li>EMERGENCY STOP device</li> </ul>	Yes
delivery state       No         • as a kit       No         • pre-wired on strip terminal       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       1         type of unlocking device       A = rotate-to-unlatch mechanism         Front ring       No         design of the front ring       No         design of the front ring       Standard	protective collar	No
• as a kit  • pre-wired on strip terminal  No  fastening method of the enclosure  Vertical  Actuator  design of the actuating element  suitability for use EMERGENCY OFF switch  product feature lockout  No  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  Standard	color of the enclosure top part	yellow
Pre-wired on strip terminal     Actuator  design of the actuating element     Suitability for use EMERGENCY OFF switch     product feature lockout     No     product extension optional light source     color of the actuating element     material of the actuating element     shape of the actuating element     round     number of contact modules     type of unlocking device     Product component front ring     product component front ring     Standard  No  Vertical  No  Vertical  No  EMERGENCY STOP mushroom pushbutton  Yes  No  No  Pres  Pres  No  A = rotate-to-unlaten mechanism  Front ring  Product component front ring  No  Standard	delivery state	
fastening method of the enclosure  Actuator  design of the actuating element	• as a kit	No
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 1  type of unlocking device A = rotate-to-unlatch mechanism  Front ring  product component front ring No  design of the front ring Standard	pre-wired on strip terminal	No
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     1       type of unlocking device     A = rotate-to-unlatch mechanism       Front ring     No       design of the front ring     Standard	fastening method of the enclosure	Vertical
suitability for use EMERGENCY OFF switch  product feature lockout  product extension optional light source  No  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  design of the front ring  Standard	Actuator	
product feature lockout product extension optional light source No color of the actuating element material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring Standard	design of the actuating element	EMERGENCY STOP mushroom pushbutton
product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  design of the front ring  No  No  Standard	suitability for use EMERGENCY OFF switch	Yes
color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	product feature lockout	No
material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	product extension optional light source	No
shape of the actuating element number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	color of the actuating element	red
number of contact modules  type of unlocking device  A = rotate-to-unlatch mechanism  Front ring  product component front ring  No  design of the front ring  Standard	material of the actuating element	plastic
type of unlocking device  A = rotate-to-unlatch mechanism  Front ring  product component front ring  No  design of the front ring  Standard	shape of the actuating element	round
Front ring product component front ring No design of the front ring Standard	number of contact modules	1
product component front ring  design of the front ring  Standard	type of unlocking device	A = rotate-to-unlatch mechanism
design of the front ring Standard	Front ring	
	product component front ring	No
Holder	design of the front ring	Standard
	Holder	

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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	
• 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
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
Weight	359.5 g
operating voltage	
• at AC	5 500 V
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value  Communication/ Protocol	5 500 V
Communication/ Protocol	without
design of the interface for communication	without
Auxiliary circuit	Silver alley
design of the contacts of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts  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	
during operation	-25 +70 °C
during operation     during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
60721	condensation in operation permitted for all devices behind front panel)
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	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

## **General Product Approval**







Confirmation





Test Certificates other Environment

Special Test Certificate

Type Test Certificates/Test Report

Confirmation







Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1801-0NA00-2AC2

Cax online generator

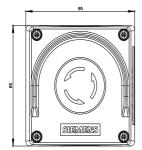
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NA00-2AC2

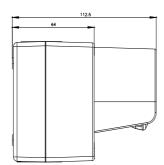
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

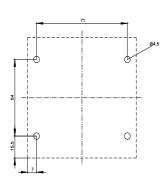
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AC2

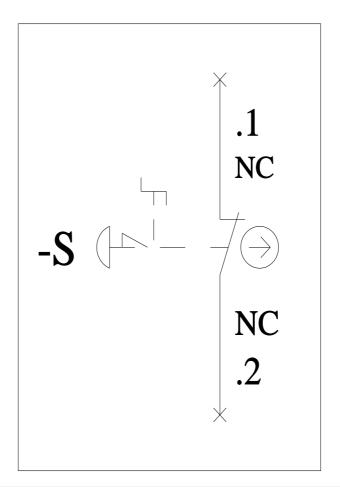
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en









last modified: 3/1/2024 🖸