SIEMENS

Data sheet

product brand name



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

product designation Solution S		
equipment of commanding and signaling device 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 of the supplied holder of the supplied actuator of the supplied mpty enclosure stage of the housing stage of the housing stage of the housing stage of the enclosure material of the enclosure metal number of command points older of the enclosure older of the enclosure older of the enclosure product component EMERGENCY STOP device older of the enclosure older of the enclosure stage of the enclosure product component EMERGENCY STOP device older of the enclosure older of the enclosure element No Sulpain No Sulpain EMERGENCY STOP mushroom pushbutton, 40 mm, with positive latching act to 100 and 100 an	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 • of the supplied holder • of the supplied actuator • of the supplied empty enclosure • of the supplied module at the command point A • of supplied empty enclosure ### Supplied with protective collar ### S	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 of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator at the command point A of the supplied actuator	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
of supplied contact module at the command point A 1 of the supplied holder of the supplied holder A = 3SU1550-0AA10-0AA0 of the supplied holder A = 3SU1550-0AA10-0AA0 of the supplied actuator of the supplied actuator A = 3SU1550-0AA10-0AA0 of the supplied actuator at the command point A 3SU1550-0AA10-0AA0 of the supplied actuator at the command point A 3SU1550-1HB20-0AA0 of supplied empty enclosure **Total Command Points A 3SU1550-1HB20-0AA0 **Total Command Points A 3SU1550-0AA10-0AC2 **Total Command Points A 3SU1550-0AA10-0AC2 **Total Command Points A 1 **Total Command Points A 2 **Total Command Points A 3SU1550-1AA00-0A0 **Total Command Points A 2 **Total Co	manufacturer's article number	
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number of command points product component	shape of the enclosure front	Square
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EMERGENCY STOP device protective collar No color of the enclosure top part delivery state	number of command points	1
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color of the enclosure top part delivery state	 EMERGENCY STOP device 	Yes
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product extension optional light source color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules type of unlocking device A = rotate-to-unlatch mechanism ront ring product component front ring No	suitability for use EMERGENCY OFF switch	Yes
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shape of the actuating element number of contact modules type of unlocking device A = rotate-to-unlatch mechanism Front ring product component front ring No	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	material of the actuating element	plastic
type of unlocking device A = rotate-to-unlatch mechanism Front ring product component front ring No	shape of the actuating element	round
Front ring product component front ring No	number of contact modules	1
product component front ring No	type of unlocking device	A = rotate-to-unlatch mechanism
design of the front ring Standard	ront ring	
		No

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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, 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
SVHC substance name	Lead - 7439-92-1
Weight	683 g
operating voltage	
• at AC	E 500 V
— at 50 Hz rated value	5 500 V
 — at 60 Hz rated value • at DC rated value 	5 500 V 5 500 V
at DC rated value Communication/ Protocol	J JUU V
	without
design of the interface for communication Auxiliary circuit	without
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
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	
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 10 95%, no condensation in operation permitted for all devices behind front panel)
Environmental footprint	condensation in operation permitted for all devices bening from paner)
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.593 kg
global warming potential [CO2 eq] total	0.625 kg
global warming potential [CO2 eq] during manufacturing	0.235 kg
global warming potential [CO2 eq] after end of life	-0.267 kg
Installation/ mounting/ dimensions	
fastening method of modules and accessories	Floor mounting
height	89.4 mm
width	85 mm
depth	112.5 mm
shape of the installation opening	round
Accessories	
number of labels	0
number of inscription plates	0
Approvals Certificates	













Test Certificates

other

Environment

Type Test Certificates/Test Report

Special Test Certificate

Confirmation



Siemens EcoTech



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=3SU1851-0NA00-2AC2

Cax online generator

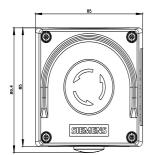
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1851-0NA00-2AC2}$

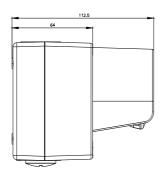
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

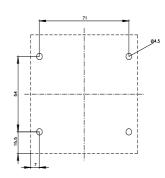
https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0NA00-2AC2

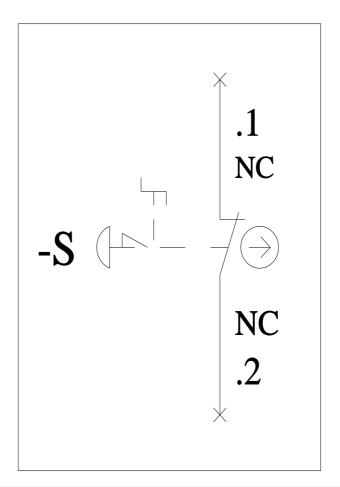
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0NA00-2AC2&lang=en









last modified: 4/2/2025 🖸