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 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 actuator of the supplied empty enclosure Enclosure design of the housing state of the enclosure front spart of the enclosure front elementary of the enclosure part object of the enclosure by at the command point A EMERGENCY STOP device protective collar by a bat it of supplied actuator elementary of the enclosure front spart of the enclosure part object of the enclosure by at the command point A EMERGENCY STOP device protective collar by a bat it on the supplied actuator of the enclosure to part elementary of the enclosure by at the enclosure of the enclo	product designation	Enclosures
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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	 of the supplied actuator 	A = 3SU1000-1HB20-0AA0
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product component	material of the enclosure	plastic
EMERGENCY STOP device protective collar No color of the enclosure top part delivery state as a kit No pre-wired on strip terminal 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 plastic shape of the actuating element product component front ring product component front ring product component front ring product component front ring No design of the front ring Standard	number of command points	1
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color of the enclosure top part delivery state	 EMERGENCY STOP device 	Yes
delivery state	protective collar	No
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fastening method of the enclosure Actuator design of the actuating element	• as a kit	No
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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
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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 No 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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	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 QUAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
Weight opporating voltage	0.363 kg
operating voltage ● at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value — at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Communication/ Protocol	
design of the interface for communication	without
Auxiliary circuit	
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	The second secon
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



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=3SU1801-0NA00-2AC2

Cax online generator

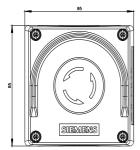
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NA00-2AC2

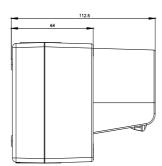
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

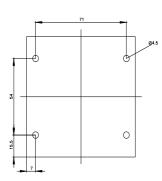
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AC2

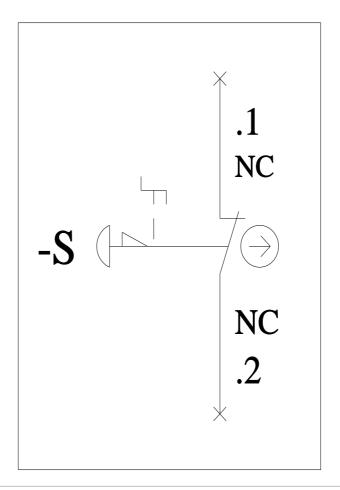
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

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









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