

Siemens
EcoTech



enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part yellow, 1 control point plastic, central control point, A=emergency stop mushroom pushbutton red, 40 mm, rotate-to-unlatch, 2 NC, 1 NO, spring-loaded terminal, floor mounting, 1xM20 each on top and bottom

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
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
manufacturer's article number	• of supplied contact module at the command point A 1 3SU1400-2AA10-3CA0 • of supplied contact module at the command point A 2 3SU1400-2AA10-3CA0 • of supplied contact module at the command point A 3 3SU1400-2AA10-3BA0 • of the supplied holder at the command point A 3SU1500-0AA10-0AA0 • of the supplied actuator at the command point A 3SU1000-1HB20-0AA0 • of supplied empty enclosure 3SU1801-0AA00-0AA2
Enclosure	
design of the housing	Command point in center
product component	
• protective collar	No
color of the enclosure top part	yellow
fastening method of the enclosure	Vertical / horizontal
Actuator	
design of the actuating element	EMERGENCY STOP mushroom pushbutton
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	3
type of unlocking device	A = rotate-to-unlatch mechanism
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function	
• EMERGENCY OFF function	Yes
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15 g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5 g
• for railway applications according to EN 61373	Category 1, Class B
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (day/month/year)	10/01/2014

Net Weight	334 g
operating voltage	
• at AC	
— at 50 Hz rated value	5 ... 500 V
— 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	2
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection of modules and accessories	Spring-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
Safety related data	
product function suitable for safety function	Yes
test wear-related service life necessary	Yes
proportion of dangerous failures	
• with low demand rate according to SN 31920	20 %
• with high demand rate per NC contact according to SN 31920	20 %
B10 value with high demand rate according to SN 31920	100 000
failure rate [FIT] with low demand rate per NC contact according to SN 31920	100 FIT
ISO 13849	
device type according to ISO 13849-1	3
IEC 61508	
safety device type according to IEC 61508-2	Type A
T1 value for proof test interval or service life according to IEC 61508	20 a
Installation/ mounting/ dimensions	
fastening method of modules and accessories	Floor mounting
height	85 mm
Accessories	
number of labels	0
number of backing plates	0
Approvals Certificates	
Environmental Product Declaration	
• 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	-0.0145 kg
• global warming potential [CO2 eq] / total	0.787 kg
Environment	General Product Approval
Environmental Conformations     	
General Product Approval Test Certificates Maritime application	
   Type Test Certificates/Test Report  	
Maritime application	other



[Confirmation](#)



Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1801-0NY00-4AA2>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NY00-4AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NY00-4AA2>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NY00-4AA2&lang=en

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