



enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part yellow, 2 command points plastic, B=indicator light, red, LED 24 V AC/DC, screw terminal, label without inscription, A=EMERGENCY STOP, 40 mm, RONIS SB30, label with inscription: EMERGENCY STOP, 1 NO, 1 NC, screw terminal, base mounting, 1x M20 each on top and bottom, labels enclosed

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Enclosures
<b>product type designation</b>	3SU1
<b>equipment of commanding and signaling device</b>	A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching acc. to ISO 13850 and rotate-to-unlatch mechanism, B = indicator light
<b>manufacturer's article number</b>	<ul style="list-style-type: none"> <li>• of supplied contact module at the command point A 1 <a href="#">3SU1400-2AA10-1CA0</a></li> <li>• of supplied contact module at the command point A 2 <a href="#">3SU1400-2AA10-1BA0</a></li> <li>• of supplied LED module at the command point B <a href="#">3SU1401-2BB20-1AA0</a></li> <li>• of the supplied holder at the command point A <a href="#">3SU1550-0AA10-0AA0</a></li> <li>• of the supplied holder at the command point B <a href="#">3SU1550-0AA10-0AA0</a></li> <li>• of the supplied actuator at the command point A <a href="#">3SU1050-1HF20-0AA0</a></li> <li>• of the supplied actuator at the command point B <a href="#">3SU1051-6AA20-0AA0</a></li> <li>• of supplied empty enclosure <a href="#">3SU1802-0AA00-0AB2</a></li> <li>• of supplied support terminal at the command point A <a href="#">3SU1400-4DA43-1AA0</a></li> <li>• of the supplied accessories at the command point A <a href="#">3SU1900-0AF16-0AA0</a></li> <li>• of the supplied accessories at the command point B <a href="#">3SU1900-0AF16-0AA0</a></li> </ul>
<b>Enclosure</b>	
<b>design of the housing</b>	with recess for label
<b>shape of the enclosure front</b>	rectangular
<b>material of the enclosure</b>	plastic
<b>number of command points</b>	2
<b>product component</b>	
• EMERGENCY STOP device	Yes
• protective collar	No
color of the enclosure top part	yellow
<b>delivery state</b>	
• as a kit	No
• pre-wired on strip terminal	No
<b>fastening method of the enclosure</b>	Vertical
<b>Actuator</b>	
<b>design of the actuating element</b>	Indicator light / EMERGENCY STOP mushroom pushbutton
suitability for use EMERGENCY OFF switch	Yes
product feature lockout	No
product extension optional light source	Yes
color of the actuating element	A = red / B = red
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	2

<b>type of unlocking device</b>	A = key-operated release / B = without
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, high gloss
<b>color of the front ring</b>	silver
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	1
<b>General technical data</b>	
<b>product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12K, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A
<b>continuous current of the DIAZED fuse link gG</b>	10 A
<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>SVHC substance name</b>	Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
<b>Weight</b>	522 g
<b>operating voltage</b>	
• at AC	
— at 50 Hz rated value	24 ... 24 V
— at 60 Hz rated value	24 ... 24 V
• at DC rated value	24 ... 24 V
<b>Communication/ Protocol</b>	
<b>design of the interface for communication</b>	without
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Connections/ Terminals</b>	
<b>type of electrical connection of modules and accessories</b>	Screw-type terminal
<b>type of electrical connection on enclosure</b>	Cable routing above and below, both 1 x M20
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>tightening torque of fixing screws in the enclosure cover</b>	1.5 ... 1.7 N·m
<b>tightening torque with screw-type terminals</b>	0.8 ... 0.9 N·m
<b>Lamp</b>	
<b>light intensity</b>	450 ... 1 120 mcd
<b>Safety related data</b>	
<b>product function suitable for safety function</b>	Yes
<b>test wear-related service life necessary</b>	Yes
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate per NC contact according to SN 31920	20 %
<b>B10 value with high demand rate according to SN 31920</b>	100 000
<b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b>	100 FIT
ISO 13849	

device type according to ISO 13849-1	3
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a

### Ambient conditions

<b>ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no 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	114 mm
width	85 mm
depth	109 mm
shape of the installation opening	round

### Accessories

number of labels	2
marking of the name plate for command devices	A = "Emergency Stop" / B = without inscription
color of the label	A = black / B = black
number of inscription plates	0

### Approvals Certificates

#### General Product Approval



#### Test Certificates

#### Maritime application

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



#### other

#### Environment



[Confirmation](#)



Siemens EcoTech



[Environmental Confirmations](#)

### 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)

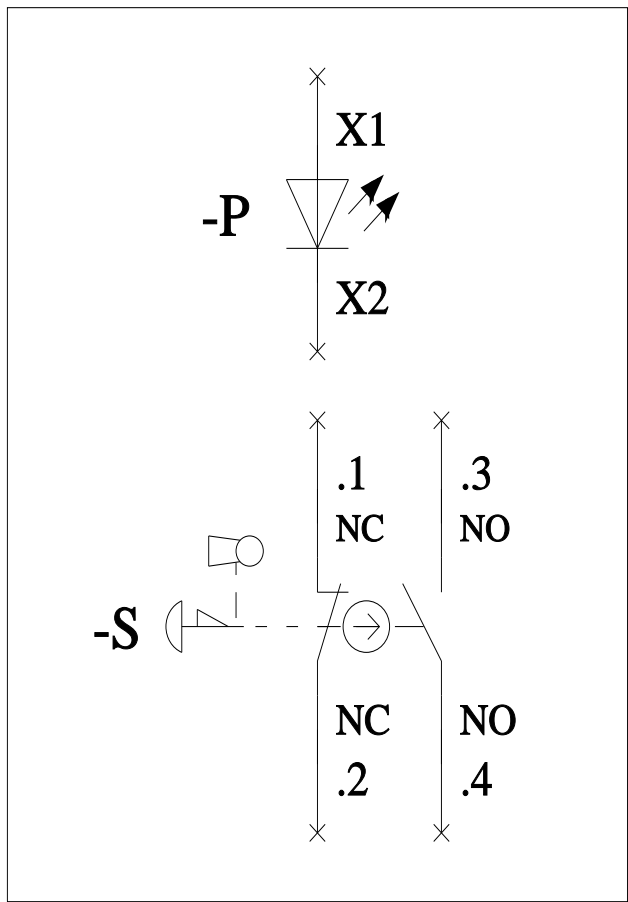
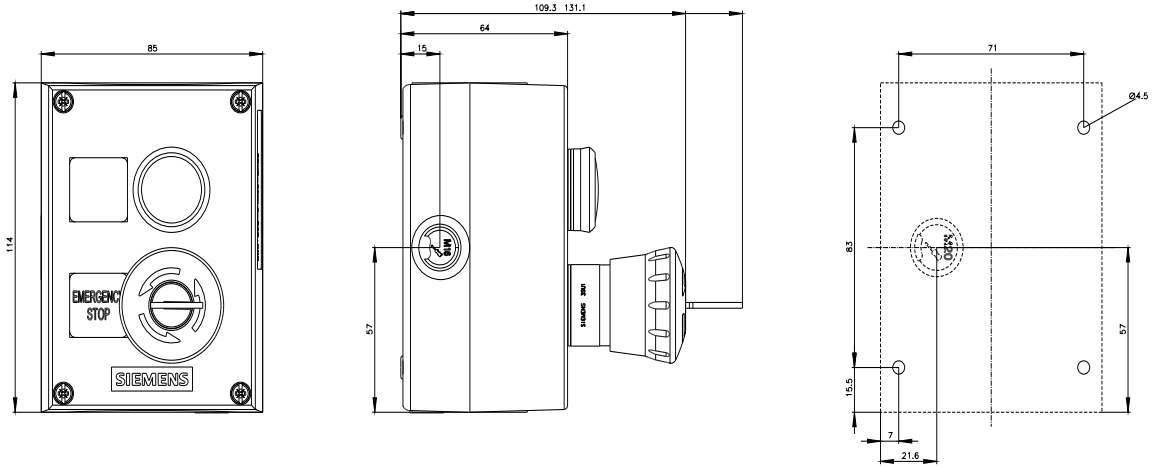
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1802-0NA00-2AB2>

#### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0NA00-2AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0NA00-2AB2>



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last modified:

7/10/2025 