



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 3 control points plastic, Recess for labels, C=Indicator light clear, label without inscription, B=Pushbutton green, label: I, 1 NO, spring-type terminal, A=Pushbutton red, label: O, 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, Labels enclosed

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Pushbutton / B = Pushbutton / C = Indicator light
manufacturer's article number	<ul style="list-style-type: none"> • of supplied contact module • of supplied contact module at the command point A 1 • of supplied contact module at the command point B 2 • of supplied LED module • of supplied LED module at the command point C • of supplied communication module • of the supplied holder • of the supplied holder at the command point A • of the supplied holder at the command point B • of the supplied holder at the command point C • of the supplied actuator • of the supplied actuator at the command point A • of the supplied actuator at the command point B • of the supplied actuator at the command point C • of supplied repeater • of supplied empty enclosure • of supplied accessory • of the supplied accessories at the command point A • of the supplied accessories at the command point B • of the supplied accessories at the command point C
	A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0 3SU1400-2AA10-3CA0 3SU1400-2AA10-3BA0 C3 = 3SU1401-2BB60-3AA0 3SU1401-2BB60-3AA0 AB = 3SU1400-2EK10-6AA0 A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0, C = 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0 3SU1000-0AB20-0AA0 3SU1000-0AB40-0AA0 3SU1001-6AA60-0AA0 C = 3SU1001-6AA60-0AA0 3SU1803-0AA00-0AB1 A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0AA0 3SU1900-0AF16-0QA0 3SU1900-0AF16-0QB0 3SU1900-0AF16-0AA0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	3
product component	
<ul style="list-style-type: none"> • EMERGENCY STOP device • protective collar 	No No
color of the enclosure top part	grey
delivery state	
<ul style="list-style-type: none"> • as a kit • pre-wired on strip terminal 	No Yes
fastening method of the enclosure	Vertical
Actuator	

design of the actuating element	Pushbutton / pushbutton / indicator light
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	Yes
color of the actuating element	A = red / B = green / C = clear
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	2
type of unlocking device	A = none / B = none / C = none
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	1
General technical data	
product function	
• positive opening	Yes
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
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 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5
operating voltage	
• 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
cable entry type	Adapter ASI shaped cable (insulation displacement method) M20 cable entry
Communication/ Protocol	
design of the interface for communication	AS-i
type of electrical connection of the communication interface	Insulation piercing technology top/right
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	1
Connections/ Terminals	
type of electrical connection of modules and accessories	Spring-type terminal
type of electrical connection on enclosure	Adapter ASI shaped cable (insulation displacement method)
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
Lamp	
light intensity	900 ... 1 400 mcd
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, 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	174.4 mm
width	85 mm
depth	75.8 mm
shape of the installation opening	round

Accessories

number of labels	3
marking of the name plate for command devices	A = O / B = I / C = without inscription
color of the label	A = black / B = black / C = black
number of inscription plates	0

Approvals Certificates

General Product Approval



[Confirmation](#)



Declaration of Conformity	Test Certificates	other	Environment
---------------------------	-------------------	-------	-------------



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Environmental Confirmations](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1803-0AB10-4HB1>

Cax online generator

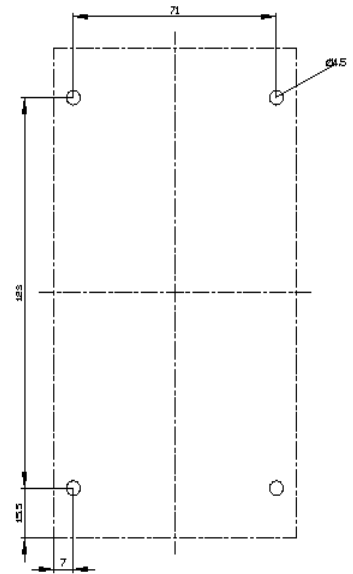
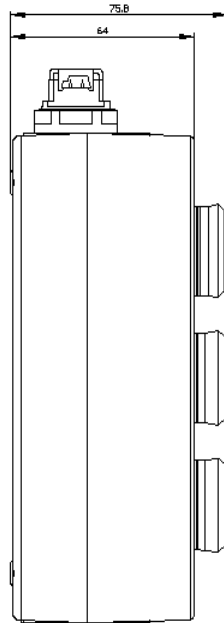
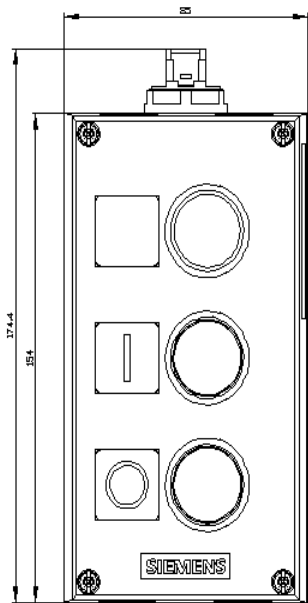
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1803-0AB10-4HB1>

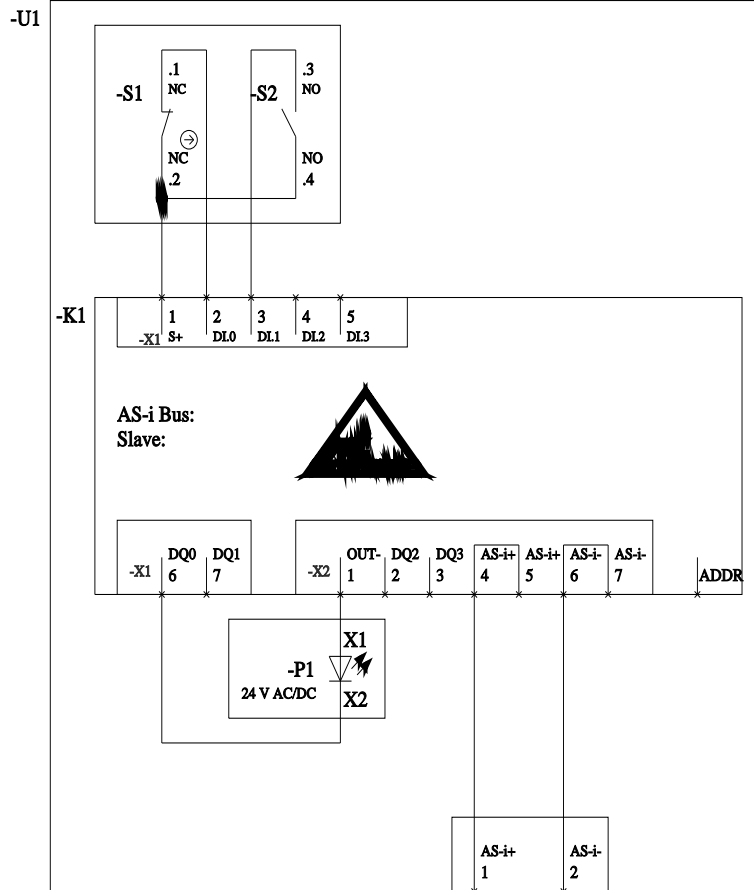
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1803-0AB10-4HB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1803-0AB10-4HB1&lang=en





last modified:

11/7/2023