



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, Recess for labels, 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
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 B 2 3SU1400-2AA10-3BA0 - of the supplied holder at the command point A 3SU1500-0AA10-0AA0 - of the supplied holder at the command point B 3SU1500-0AA10-0AA0 - of the supplied actuator at the command point A 3SU1000-0AB20-0AA0 - of the supplied actuator at the command point B 3SU1000-0AB40-0AA0 - of supplied empty enclosure 3SU1802-0AA00-0AB1 - of the supplied accessories at the command point A 3SU1900-0AF16-0QA0 - of the supplied accessories at the command point B 3SU1900-0AF16-0QB0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	2
product component	
• EMERGENCY STOP device	No
• protective collar	No
color of the enclosure top part	grey
delivery state	
• as a kit	No
• pre-wired on strip terminal	Yes
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	Pushbutton / pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	A = red / B = green
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
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	- 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	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Diboron trioxide - 1303-86-2
Weight	480 g
operating voltage	- at AC - at 50 Hz rated value 18 ... 31.6 V - at 60 Hz rated value 18 ... 31.6 V - at DC rated value 18 ... 31.6 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
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	
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	134.4 mm
width	85 mm
depth	75 mm
shape of the installation opening	round
Accessories	
number of labels	2
marking of the name plate for command devices	A = O / B = I
color of the label	A = black / B = black
number of inscription plates	0
Approvals Certificates	
General Product Approval	



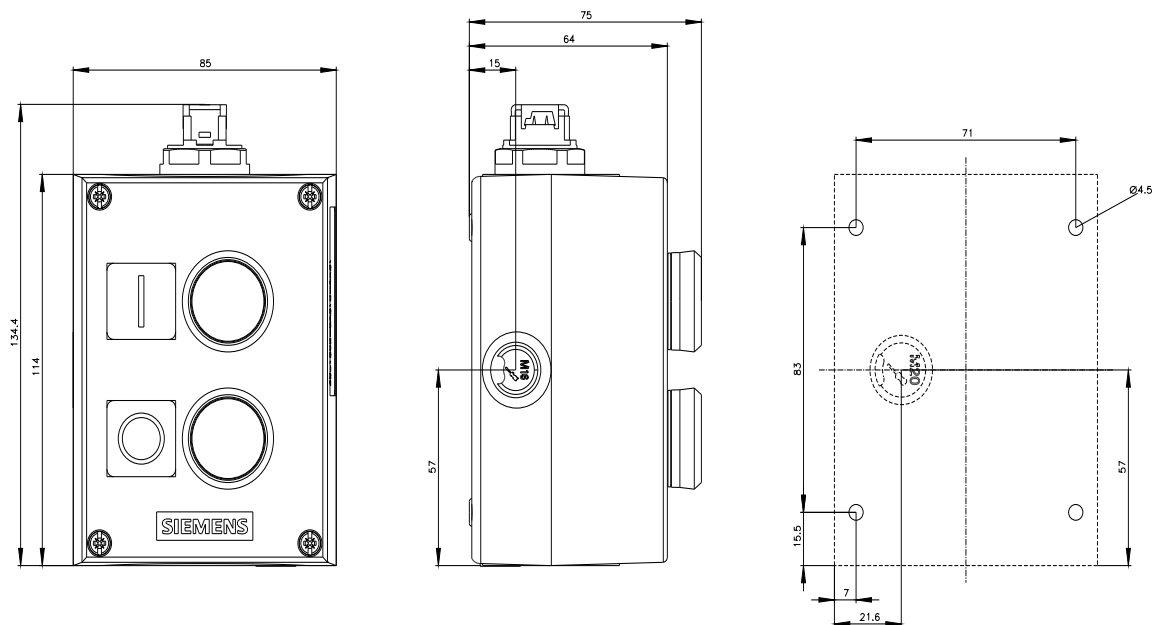
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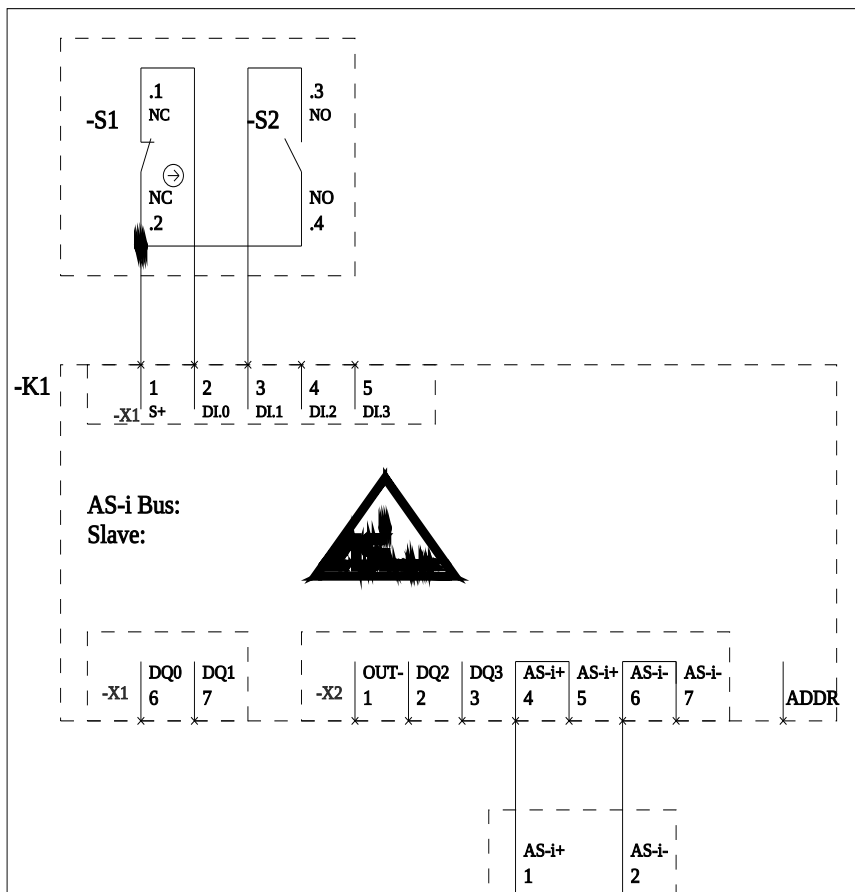
Test Certificates	other	Environment
Type Test Certificates/Test Report Special Test Certificate		Confirmation

Environment
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=3SU1802-0AB10-4HB1 Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AB10-4HB1 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AB10-4HB1 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en



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