SIEMENS

Data sheet 3SU1804-0AB00-4SB1

Siemens EcoTech

Enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 4 control points plastic, recess for labels, customer-specific equipment, spring-loaded terminal, floor mounting, M12 connector 8-pin wired, Göpfert no. 428652 on rating plate Labels glued in

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = sealing plug / B = pushbutton / C = indicator light / D = indicator light
manufacturer's article number	
• of supplied contact module at the command point B 1	3SU1400-2AA10-3BA0
• of supplied LED module at the command point B	3SU1401-2BB50-3AA0
• of supplied LED module at the command point C	3SU1401-2BB40-3AA0
• of supplied LED module at the command point D	3SU1401-2BB20-3AA0
• of the supplied holder at the command point A	3SU1550-0AA10-0AA0
• of the supplied holder at the command point B	3SU1550-0AA10-0AA0
• of the supplied holder at the command point C	3SU1550-0AA10-0AA0
• of the supplied holder at the command point D	3SU1550-0AA10-0AA0
• of the supplied actuator at the command point A	3SU1950-0FA80-0AA0
• of the supplied actuator at the command point B	3SU1051-0AB50-0AA0
• of the supplied actuator at the command point C	3SU1051-6AA40-0AA0
• of the supplied actuator at the command point D	3SU1051-6AA20-0AA0
• of supplied empty enclosure	3SU1804-0AA00-0AB1
• of the supplied accessories at the command point A	3SU1900-0AF81-0AZ0 Q9Y
• of the supplied accessories at the command point B	3SU1900-0AF81-0AZ0 Q9Y
• of the supplied accessories at the command point C	3SU1900-0AF81-0AZ0 Q9Y
• of the supplied accessories at the command point D	3SU1900-0AF81-0AZ0 Q9Y
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	4
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	No
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	Sealing plug / pushbutton / indicator light / indicator light
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	A = silver / B = blue / C = green / D = rot
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	1
type of unlocking device	A = without / B = without / C = without / D = without
Front ring	
product component front ring	Yes

Subject to change without notice
© Copyright Siemens

design of the front ring	Standard
material of the front ring	Metal, high gloss
color of the front ring	silver
Holder	
material of the holder	Plastic
Display	
number of LED modules	3
General technical data	
product function	
● positive opening	No
● 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 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
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 monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1
Net Weight	786 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	0
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 M25
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, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method of modules and accessories	Floor mounting
height	194 mm
width	85 mm
depth	64 mm
shape of the installation opening	round
Accessories	
number of labels	4

Subject to change without notice
© Copyright Siemens

color of the label	A = silver / B = silver / C = silver / D = silver
number of inscription plates	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 Confirmations	

General Product Approval	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=3SU1804-0AB00-4SB1
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1804-0AB00-4SB1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1804-0AB00-4SB1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1804-0AB00-4SB1&lang=en

last modified: 4/4/2026

Subject to change without notice
© Copyright Siemens