SIEMENS

Data sheet

3SU1802-0AB10-4HB1



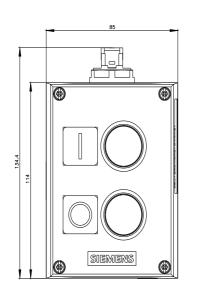
AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, Recess for labels, B=Pushbutton green, label: I, 1 NO, spring-type terminal, A=Pushbutton red, label: O, 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, Labels enclosed

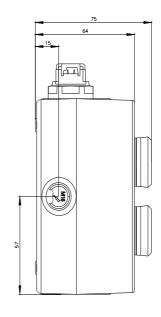
design of the housing with recess for label shape of the enclosure front rectangular material of the enclosure plastic number of command points 2 product component - • EMERGENCY STOP device No • protective collar No color of the enclosure top part grey delivery state - • pre-wired on strip terminal Yes fastening method of the enclosure Vertical ctuator - deligen of the actuating element Pushbutton / pushbutton suitability for use EMERGENCY OFF switch No product feature lockout No				
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delivery stateImage: constrict of the state o	protective collar	No		
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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	as a kitpre-wired on strip terminal	No Yes		
product extension optional light source No color of the actuating element A = red / B = green material of the actuating element plastic	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator	No Yes Vertical		
color of the actuating element A = red / B = green material of the actuating element plastic	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator	No Yes Vertical Pushbutton / pushbutton		
material of the actuating element plastic	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator design of the actuating element suitability for use EMERGENCY OFF switch	No Yes Vertical Pushbutton / pushbutton No		
	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout	No Yes Vertical Pushbutton / pushbutton No No		
shape of the actuating element round	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout	No Yes Vertical Pushbutton / pushbutton No No		
	as a kit pre-wired on strip terminal fastening method of the enclosure Actuator design of the actuating element suitability for use EMERGENCY OFF switch product feature lockout product extension optional light source color of the actuating element	No Yes Vertical Pushbutton / pushbutton No No A = red / B = green		

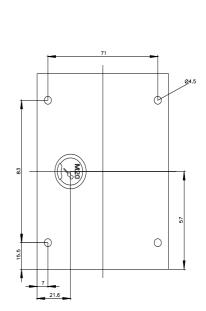
number of contact modules	2 A = page (D = page
type of unlocking device Front ring	A = none / B = none
	Vee
product component front ring	Yes Standard
design of the front ring material of the front ring	plastic
color of the front ring	black
Holder	bidok
material of the holder	Plastic
Display	
number of 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
operating voltage • at AC	
 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)
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	

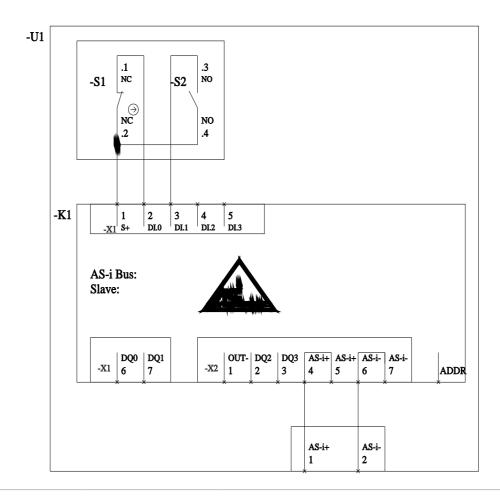
number of labels	2				
marking of the name plate for command devices		2 A = O / B = I			
color of the label		black / B = black			
number of inscription plates	0	black / D - black			
	0				
ertificates/ approvals					
General Product Approval					
	Confirmation			EHC	
Declaration of Conformity	Test Certificates		other	Environment	
UK CE CA EG-Konf.	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	<u>Confirmation</u>	Environmental Con firmations	
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