SIEMENS

Data sheet

3SU1100-2BL60-1LA0

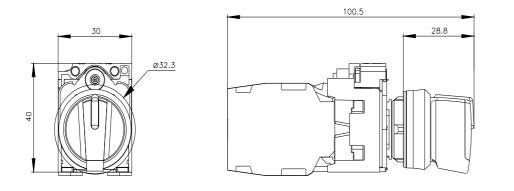


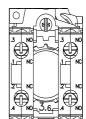
Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I-O-II, latching, 10:30h/12h/13:30h, with holder, 2x1NO+1NC, screw terminal

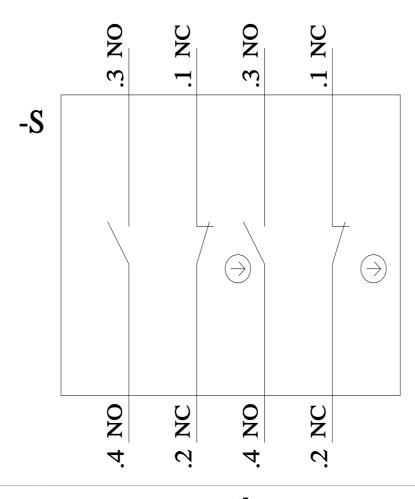
product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1FA0</u>
 of supplied contact module at position 2 	<u>3SU1400-1AA10-1FA0</u>
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
 of the supplied actuator 	<u>3SU1002-2BL60-0AA0</u>
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Selector, short
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
product extension optional light source	Yes
color of the actuating element	white
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	32.3 mm
number of contact modules	2
number of switching positions	3
actuating angle	
clockwise	45°
anticlockwise	45°
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
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC

ourgo voltago registanco ratod valuo	6 kV
surge voltage resistance rated value	
 protection class IP of the terminal 	IP66, IP67, IP69(IP69K)
	IP20, clamping screw tightened
degree of protection NEMA rating shock resistance	1, 2, 3, 3R, 4, 4X, 12, 13
	ainuacidal half wave 15a / 11 ma
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h 1 000 000
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) typical thermal current	10 A
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	
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	10/01/2014
• 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
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
contact renability	(5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection	screw-type terminals
 of modules and accessories 	Screw-type terminal
type of connectable conductor cross-sections	
 solid with core end processing 	2x (0.5 0.75 mm²)
 solid without core end processing 	2x (1.0 1.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (1,0 1,5 mm²)
 for AWG cables 	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque with screw-type terminals	0.8 0.9 N·m
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
60721	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	Front plate mounting
height	40 mm

width		32.3	mm		
shape of the installat	tion opening	roun			
nounting diameter 22.3					
	positive tolerance of installation diameter 0.4 m				
•	nounting height 28.8				
installation width		32.3			
installation depth		71.7			
pprovals Certificates		11.7		_	_
General Product App					Declaration of Con formity
SP SA		<u>Confirmation</u>		EAC	CE EG-Konf.
Declaration of Con- formity	Test Certificates		Marine / Shipping		
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloyds Register Liks	PRS
Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			
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