3SU1150-1BA20-3CA0-Z Y11

Data sheet



Mushroom pushbutton, 22 mm, round, metal, shiny, red, 40mm, latching, pull-to-unlatch mechanism, with holder, 1 NC, spring-type terminal, with laser labeling, upper case

product designation design of the product product type designation product line manufacturer's article number of supplied contact module at position 1 of the supplied cholder of the supplied cholder of the supplied actuator e of the supplied actuator asu1550-0AA10-0AA0 su1550-0AA10-0AA0 su1550-0AA10-0AA0 asu1550-0AA10-0AA0 su1550-0AA10-0AA0 asu1550-0AA10-0AA0 asu1550-0AA10-0AA0 su1550-0AA10-0AA0 asu1550-0AA10-0AA0 asu1550-0AA10-0AA0 asu1550-0AA10-0AA0 su1550-0AA10-0AA0 su1550-0AA10	product brand name	SIRIUS ACT
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product type designation product line manufacturer's article number of supplied contact module at position 1 soft he supplied holder of the supplied actuator asultator Indicator supplied actuator Indicator		
product line manufacturer's article number of supplied contact module at position 1 of the supplied contact module at position 1 of the supplied contact module at position 1 of the supplied actuator Enclosure number of command points 1 Actuator principle of operation of the actuating element product extension optional light source material of the actuating element product extension optional light source material of the actuating element parking of the actuating element marking of the actuating element and the actuating element product extension optional light source and the actuating element plastic shape of the actuating element and the actuating element and the actuating element Any inscription, text in upper case number of contact modules type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring Actuating material of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the holder Display number of LEDs O General technical data product function o positive opening EMERGENCY STOP function No		·
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outer diameter of the actuating element marking of the actuating element number of contact modules type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring material of the holder Display number of LEDs General technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source Any inscription, text in upper case 1 Any inscription, text in upper case Any inscription, text in upper case 1 Yes 0 Standard Metal, high gloss silver Plastic Display 1 O General technical data Product function 1 Positive opening 1 Yes 1 EMERGENCY OFF function 1 No 1 No 1 Product component light source 1 No	material of the actuating element	plastic
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number of contact modules type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring Holder material of the holder Display number of LEDs Qeneral technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source pull-to-unlatch mechanism 1 pull-to-unlatch mechanism Abull-to-unlatch mech	outer diameter of the actuating element	40 mm
type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver Holder saterial of the holder Plastic Display number of LEDs 0 General technical data product function • positive opening • Pestive opening • EMERGENCY OFF function • EMERGENCY STOP function No product component light source No	marking of the actuating element	Any inscription, text in upper case
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Holder material of the holder Plastic Display number of LEDs General technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source No	material of the front ring	Metal, high gloss
material of the holder Display number of LEDs 0 General technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source No	color of the front ring	silver
Display number of LEDs 0 General technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source No	Holder	
number of LEDs General technical data product function • positive opening • EMERGENCY OFF function • EMERGENCY STOP function product component light source 0 Ves No	material of the holder	Plastic
General technical data product function Yes ● positive opening Yes ● EMERGENCY OFF function No ● EMERGENCY STOP function No product component light source No	Display	
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 positive opening EMERGENCY OFF function EMERGENCY STOP function product component light source No	General technical data	
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● EMERGENCY STOP function No product component light source No	 positive opening 	Yes
product component light source No	 EMERGENCY OFF function 	No
,	EMERGENCY STOP function	No
in sulation walks are noted walks.	product component light source	No
insulation voltage rated value 500 V	insulation voltage rated value	500 V
degree of pollution 3	degree of pollution	3

type of voltage of the apprating voltage	AC/DC
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	500 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	P
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 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 (5 V, 1 mA)
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	0
Connections/ Terminals	
Connections/ Terminals type of electrical connection of modules and accessories	Spring-type terminal
	Spring-type terminal
type of electrical connection of modules and accessories	Spring-type terminal 2x (0.25 1.5 mm²)
type of electrical connection of modules and accessories type of connectable conductor cross-sections	
type of electrical connection of modules and accessories type of connectable conductor cross-sections output solid without core end processing	2x (0.25 1.5 mm²)
type of electrical connection of modules and accessories type of connectable conductor cross-sections output finely stranded with core end processing	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket Ambient conditions	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm 40 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm 40 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm 40 mm 49.7 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm 40 mm 49.7 mm
type of electrical connection of modules and accessories type of connectable conductor cross-sections	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm 27.5 mm 40 mm 49.7 mm

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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-1BA20-3CA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-1BA20-3CA0-Z Y11&lang=en

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