SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions, vertical latching, with mechanical interlocking, in O position, with holder, 1 NO, 1 NO, screw terminal, with laser labeling, upper case

product type designation design of the product product type designation a supplied contact module at position 2 of supplied contact module at position 4 of the supplied holder of the supplied holder of the supplied acutator product extension optional light source No color of the actuating element black material of the actuating element pusted actuating element pusted in actuating element product diameter of the actuating element product product in actual product of the actuating element product product component front ring product component front ring product component front ring product component front ring material of the front ring material of the front ring material of the holder product function positive opening misuation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 2 of supplied contact module at position 4 of the supplied holder of the supplied holder of the supplied actuator shape of the enclosure front actuation direction of actuating element material of the actuating element marking of the actuating element mumber of contact modules type of unlocking device number of contact modules actuation product expension and plant in the plastic material of the fornt ring makerial of the front ring material of the holder Plastic Ceneral technical data product function positive opening insulation voltage rated value degree of pollution 3 lype of voltage of the operating voltage AC/DC	product designation	Coordinate switches
product line manufacturer's article number • of supplied contact module at position 2 • of supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied holder • of the supplied actuator Salutator shape of the enclosure front Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element material of the actuating element actuating element black material of the actuating element couter diameter of the actuating element marking of the actuating element and plastic shape of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] product component front ring design of the front ring design of the front ring actual of the front ring color of the front ring material of the front ring material of the front ring material of the front ring color of the front ring material of the holder General technical data product function positive opening Insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	design of the product	Complete unit
manufacturer's article number • of supplied contact module at position 2 • of supplied contact module at position 4 • of the supplied holder • of the supplied actuator • of the supplied actuator Saut 400-1AA10-1BA0 • of the supplied actuator Saut 550-0BA10-0AA0 • of the supplied actuator Tound Actuator design of the enclosure front design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source No color of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element pure diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	product type designation	3SU1
of supplied contact module at position 2 of supplied contact module at position 4 of the supplied holder of the supplied holder of the supplied actuator of the supplied actuator of the supplied actuator sulfactor shape of the enclosure front Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source shape of the actuating element product extension optional light source shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element material of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Front ring product component front ring design of the front ring material of the front ring material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 600 V degree of pollution 3 type of voltage of the operating voltage	product line	Plastic with metal front ring, matt, 22 mm
of supplied contact module at position 4 of the supplied holder of the supplied actuator 3SU1550-0BA10-0AA0 Enclosure shape of the enclosure front shape of the enclosure front round Actuator design of the actuating element principle of operation of the actuating element latching direction of actuation product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element avairable of the actuating element plastic shape of the actuating element avairable of the front ring avairable of the front	manufacturer's article number	
of the supplied holder of the supplied actuator shape of the enclosure front shape of the enclosure front Actuator design of the actuating element	 of supplied contact module at position 2 	3SU1400-1AA10-1BA0
• of the supplied actuator Enclosure shape of the enclosure front Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element material of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element pustic shape of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] product component front ring design of the front ring material of the front ring Metal, matt color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	 of supplied contact module at position 4 	3SU1400-1AA10-1BA0
Enclosure shape of the enclosure front Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element shape of the actuating element black material of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element arking of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] angle product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	 of the supplied holder 	3SU1550-0BA10-0AA0
shape of the enclosure front Actuator design of the actuating element with mechanical interlocking principle of operation of the actuating element latching direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Front ring product component front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of voltage of the operating voltage AC/DC	 of the supplied actuator 	3SU1030-7BB10-0AA0
Actuator design of the actuating element with mechanical interlocking principle of operation of the actuating element latching direction of actuation vertical product extension optional light source No Color of the actuating element black material of the actuating element plastic Shape of the actuating element Extended handle outer diameter of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deffection angle [°] 30° Front ring product component front ring high material of the front ring Metal, matt color of the front ring sand gray Holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	Enclosure	
design of the actuating element with mechanical interlocking principle of operation of the actuating element latching vertical vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring Yes design of the front ring high material of the front ring Sand gray Holder Plastic General technical data product function positive opening Insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	shape of the enclosure front	round
principle of operation of the actuating element direction of actuation product extension optional light source No color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules type of unlocking device number of switching positions Maximum deflection angle [°] product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC	Actuator	
direction of actuation product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element number of contact modules type of unlocking device number of switching positions Any inscription, text in upper case type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] product component front ring design of the front ring material of the front ring Metal, matt color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage	design of the actuating element	with mechanical interlocking
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] product component front ring material of the front ring material of the front ring material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage No sussessing AC/DC	principle of operation of the actuating element	latching
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element and shadle actuation posterion, text in upper case actuation posterion posterion actuation posterion posterion, text in upper case actuation posterion posterion posterion actuation posterion posterion actuation posterio	direction of actuation	vertical
material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm marking of the actuating element Any inscription, text in upper case number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring high high high naterial of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] 7 Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder product function positive opening product function positive opening insulation voltage rated value \$500 V\$ \$4C/DC\$	color of the actuating element	black
outer diameter of the actuating element marking of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage Any inscription, text in upper case Any inscription, text in upper case any inscription, text in upper case push-to-unlatch mechanism yes 4 Any inscription, text in upper case push-to-unlatch mechanism push-to-unlatch mechanism Any inscription, text in upper case push-to-unlatch mechanism push-to-unlatc	material of the actuating element	plastic
marking of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder product function positive opening product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage AC/DC	shape of the actuating element	Extended handle
number of contact modules type of unlocking device number of switching positions 2 Maximum deflection angle [°] product component front ring design of the front ring material of the front ring Metal, matt color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage push-to-unlatch mechanism push-to-unlatch mechanism Abelle push-to-unlatch mechanism Ab	outer diameter of the actuating element	30.5 mm
type of unlocking device number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value AC/DC type of voltage of the operating voltage AC/DC	marking of the actuating element	Any inscription, text in upper case
number of switching positions Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	number of contact modules	2
Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	type of unlocking device	push-to-unlatch mechanism
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage Yes Metal, matt Sand gray Metal, matt Plastic Plastic No insulation No insulation voltage rated value AC/DC	number of switching positions	2
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage Yes Metal, matt sand gray Metal, matt Plastic Plastic Solv AC/DC	Maximum deflection angle [°]	30°
design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage high Metal, matt sand gray Netal, matt sand gray Plastic Plastic Soo V AC/DC	Front ring	
material of the front ring color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage Metal, matt Acidoc Metal, matt Metal, matt Acidoc Metal,	product component front ring	Yes
color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage sand gray Plastic No Solve AC/DC	design of the front ring	high
material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	material of the front ring	Metal, matt
material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage Plastic No 3 AC/DC	color of the front ring	sand gray
General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC	Holder	
product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage No 500 V AC/DC	material of the holder	Plastic
insulation voltage rated value 500 V degree of pollution type of voltage of the operating voltage AC/DC	General technical data	
degree of pollution 3 type of voltage of the operating voltage AC/DC	product function positive opening	No
type of voltage of the operating voltage AC/DC	insulation voltage rated value	500 V
	degree of pollution	3
surge voltage resistance rated value 6 kV	type of voltage of the operating voltage	AC/DC
	surge voltage resistance rated value	6 kV

protection class IP	IP65, IP67
of the terminal	IP20
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	2 400 1/h
mechanical service life (switching cycles)	
as operating period per direction of actuation typical	100 000
electrical endurance (switching cycles) typical	10 000 000
electrical endurance (switching cycles) with	10 000 000
contactors 3RT1015 to 3RT1026 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	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
<u> </u>	million (5 V, 1 mA)
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	2
Connections/ Terminals	
type of electrical connection 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 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 with core end processing finely stranded without core end processing	2x (1.0 1.5 mm²)
at AWG cables	2x (1,0 1,3 mm) 2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque for auxiliary contacts with screw-type	0.8 1 N·m
terminals	5.5 T TT III
Safety related data	
B10 value with high demand rate according to SN 31920	100 000
proportion of dangerous failures	
with low demand rate according to SN 31920	20 %
with low demand rate according to SN 31920 with high demand rate according to SN 31920	20 %
failure rate [FIT] with low demand rate according to SN	100 FIT
31920	100111
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during operation during storage	-25 +70 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
environmental category during operation according to IEC 60721	condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	40 mm
shape of the installation opening	round
anape of the matanation opening	Tourid

22.3 mm	
0.4 mm	
75.6 mm	
30.5 mm	
53.7 mm	
Certificates/ approvals	

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=3SU1130-7BB10-1NA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-7BB10-1NA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-7BB10-1NA0-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=3SU1130-7BB10-1NA0-Z Y11&lang=en

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