SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic, black, 4 switch positions, latching, with mechanical interlocking, in O position, with holder, 1 NO, 1 NO, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product designation design of the product product type designation product type designation product type designation product time manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 of supplied contact module at position 3 of supplied contact module at position 3 of supplied contact module at position 4 of the supplied actuator of the supplied actuator supplied actuator supplied actuator tround Actuator design of the actuating element direction of actuation product extension optional light source color of the actuating element product extension optional light source shape of the actuating element product extension optional light source shape of the actuating element product extension optional light source shape of the actuating element product contact modules 4 type of unlocking device push-to-unlatch mechanism number of contact modules 4 type of unlocking device push-to-unlatch mechanism material of the front ring design of the front ring plastic color of the actuating element plastic product component front ring high material of the front ring design of the front ring black Holder material of the holder Plastic Ceneral technical data product function positive opening No insulation voltage rated value degree of poliution 3 AC/DC	product brand name	SIRIUS ACT
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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 30.5 mm number of contact modules 4 type of unlocking device push-to-unlatch mechanism number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring yes design of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 33	direction of actuation	horizontal / vertical
material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 4 type of unlocking device push-to-unlatch mechanism number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring yes design of the front ring plastic color of the front ring plastic color of the front ring plastic color of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	product extension optional light source	No
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number of contact modules type of unlocking device number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value 500 V degree of pollution 3	shape of the actuating element	Extended handle
type of unlocking device push-to-unlatch mechanism number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	outer diameter of the actuating element	30.5 mm
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 plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value 500 V degree of pollution 3	number of contact modules	4
Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value 500 V degree of pollution 3	type of unlocking device	push-to-unlatch mechanism
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product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution Yes high plastic Plastic Plastic	Maximum deflection angle [°]	30°
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Holder material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution Plastic No 500 V degree of pollution 3	material of the front ring	plastic
material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution Plastic No 500 V 3	color of the front ring	black
General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3	Holder	
product function positive opening insulation voltage rated value degree of pollution No 500 V 3		Plastic
insulation voltage rated value 500 V degree of pollution 3	General technical data	
degree of pollution 3	product function positive opening	No
	insulation voltage rated value	500 V
type of voltage of the operating voltage AC/DC	degree of pollution	3
	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	- 11 20
	sinusoidal half-waye 15g / 11 mg
according to IEC 60068-2-27 vibration resistance	sinusoidal half-wave 15g / 11 ms
vibration resistance	10 500 Hz: 50
according to IEC 60068-2-6 operating frequency maximum	10 500 Hz: 5g 2 400 1/h
operating frequency maximum	∠ 1 00 1/11
mechanical service life (switching cycles)	100,000
as operating period per direction of actuation typical electrical endurance (switching cycles) typical	10 000
electrical endurance (switching cycles) typical	10 000 000
electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical	10 000 000
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 C characteristic MCB	10 A, for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/A 10/01/2014
operating voltage	
• at AC	
at AC — at 50 Hz rated value	5 500 V
— at 50 Hz rated value — at 60 Hz rated value	5 500 V
at 60 Hz rated value at DC rated value	5 500 V 5 500 V
	0 000 V
Power Electronics	One melanosetism was 400 Mills (47) (5
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	0
number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts	4
Connections/ Terminals	
	Scrow type terminal
type of electrical connection of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	2v (0.5 0.75 mm²)
solid with core end processing solid without core end processing	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
solid without core end processing finely stranded with core end processing	,
finely stranded with core end processing finely stranded without core end processing	2x (0.5 1.5 mm²)
 finely stranded without core end processing at AWG cables 	2x (1,0 1,5 mm²)
	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque for auxiliary contacts with screw-type terminals	0.8 1 N·m
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 high 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	.55
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)
Installation/ mounting/ dimensions	
factoring mothed	front plate mounting
fastening method	front plate mounting
of modules and accessories	Front plate mounting Front plate mounting
•	
of modules and accessories	Front plate mounting

shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	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=3SU1100-7BE10-1QA0-Z X90

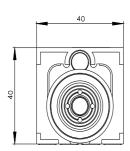
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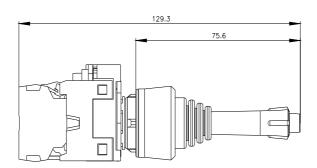
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-7BE10-1QA0-Z X90

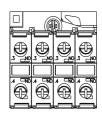
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-7BE10-1QA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1100-7BE10-1QA0-Z X90&lang=en







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