SIEMENS

Data sheet

3SU1052-2CM20-0AA0-Z X90



Selector switch, illuminable, 22 mm, round, metal, shiny, red, selector switch, long, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, Z=50-unit packaging

product brand name SIRUS ACT product dissignation Selector switches design of the product Actuating/signaling element product type designation 3SU1 product line Metal, shiny, 22 mm Enclosure mumber of command points Actuator feeding of the actuating element design of the actuating element selector, long principle of operation of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides product stratension optional - • light source Yes • contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle - • clockwise 45° * anticlockwise 45° Front ing slandard material of the front ring slandard material of the front ring sliver			
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product type designation 3SU1 product line Metal, shiny, 22 mm Enclosure number of command points Actuator 1 Actuator selector, long principle of operation of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides product extension optional • • light source Yes • contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element plastic shape of the actuating element 44.8 mm number of switching positions 3 actuating angle • • clockwise 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° color of the front ring Yes design of the front ring Metal, high gloss color of the front ring sliver Color of the front ring sliver Color of the front ring sliver <tr< th=""><th>product designation</th><th>Selector switches</th></tr<>	product designation	Selector switches	
product line Metal, shiny, 22 mm Enclosure Image: Comparison of	design of the product	Actuating/signaling element	
Enclosure 1 Actuator design of the actuating element selector, long principle of operation of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides product extension optional • light source Yes • contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle • • clockwise 45° • anticlockwise 45° color of the front ring Metal, high gloss color of the front ring sliver Ceneral technical data meterial of the front neg protection nEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • aincoidal half-wave 15g / 11 ms <th>product type designation</th> <th>3SU1</th>	product type designation	3SU1	
number of command points 1 Actuator design of the actuating element selector, long principle of operation of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides product extension optional • iight source Yes • contact module Yes color of the actuating element red material of the actuating element plastic stape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle • elockwise 45° • contockwise 45° * * e anticlockwise 45° * * foot the front ring Yes Yes * design of the front ring Yes * * enticlockwise 45° * * * product component front ring Yes * * * design of the front ring standard * * * general tochnical data * * * * * general toc	product line	Metal, shiny, 22 mm	
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product extension optional light source contact module Yes contact module Yes color of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions a actuating angle clockwise 45° anticlockwise 45° front ring product component front ring Yes design of the front ring standard material of the front ring standard general technical data protection class IP IP66, IP67, IP69(IP69K) 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 60068-2-27 sinusoidal half-wave 15g / 11 ms sinusoidal	design of the actuating element	selector, long	
• light source Yes • contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle - • clockwise 45° • anticlockwise 45° front ring Yes product component front ring Yes design of the front ring standard material of the front ring standard general technical data - protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • uibration resistance sinusoidal half-wave 15g / 11 ms	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides	
• contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle • clockwise • clockwise 45° • anticlockwise 45° front ring Yes gdesign of the front ring Yes clore of the front ring Metal, high gloss color of the front ring silver General technical data protection NEMA rating protection ISE IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	product extension optional		
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material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle • • clockwise 45° • anticlockwise 45° Front ring Yes gesign of the front ring Yes design of the front ring Metal, high gloss color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	contact module	Yes	
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outer diameter of the actuating element 44.8 mm number of switching positions 3 actuating angle 45° • clockwise 45° • anticlockwise 45° Front ring Yes product component front ring Yes design of the front ring standard material of the front ring Metal, high gloss color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	material of the actuating element	plastic	
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actuating angle 45° • clockwise 45° • anticlockwise 45° Front ring Yes product component front ring Standard material of the front ring Metal, high gloss color of the front ring Silver General technical data Protection class IP protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance Sinusoidal half-wave 15g / 11 ms	outer diameter of the actuating element	44.8 mm	
• clockwise 45° • anticlockwise 45° Front ring Front ring product component front ring Yes design of the front ring standard material of the front ring Metal, high gloss color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	number of switching positions	3	
• anticlockwise 45° Front ring Front ring product component front ring Yes design of the front ring standard material of the front ring Metal, high gloss color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance IP66, IP67, IP69(IP69K)	actuating angle		
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material of the front ring Metal, high gloss color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance Invite the sinusoidal half-wave 15g / 11 ms	product component front ring	Yes	
color of the front ring silver General technical data IP66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance Sinusoidal half-wave 15g / 11 ms	design of the front ring	standard	
General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	material of the front ring	Metal, high gloss	
protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	color of the front ring	silver	
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 vibration resistance sinusoidal half-wave 15g / 11 ms	General technical data		
shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms	protection class IP	IP66, IP67, IP69(IP69K)	
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
vibration resistance	shock resistance		
	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
• according to IEC 60068-2-6 10 500 Hz: 5g	vibration resistance		
	according to IEC 60068-2-6	10 500 Hz: 5g	
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h	
mechanical service life (operating cycles) typical 1 000 000	mechanical service life (operating cycles) typical	1 000 000	
reference code according to IEC 81346-2 S	reference code according to IEC 81346-2	S	
Substance Prohibitance (Date) 10/01/2014	Substance Prohibitance (Date)	10/01/2014	
Safety related data	Safety related data		
B10 value with high demand rate according to SN 31920 300 000	B10 value with high demand rate according to SN 31920	300 000	
proportion of dangerous failures	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 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)	
Installation/ mounting/ dimensions		
height	44.8 mm	
width	44.8 mm	
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	28.8 mm	
installation width	44.8 mm	
installation depth	25.4 mm	
Certificates/ approvals		

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1052-2CM20-0AA0-Z X90

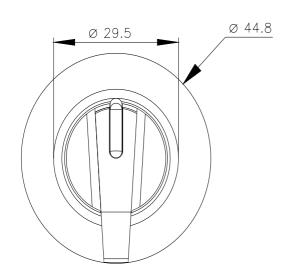
Cax online generator

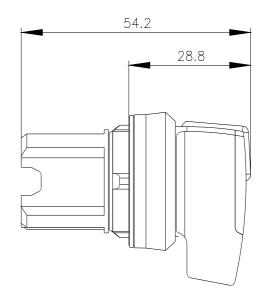
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2CM20-0AA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2CM20-0AA0-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=3SU1052-2CM20-0AA0-Z X90&lang=en





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