SIEMENS

Data sheet

3SU1002-2BC40-0AA0-Z Y15



Selector switch, illuminable, 22 mm, round, plastic, green, selector switch, short, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name SIRIUS ACT product designation Selector switches design of the product Actuating/signaling element product type designation 3SU1 product line Plastic, black, 22 mm Enclosure Image: Command points number of command points 1 Actuator design of the actuating element product extension optional Selector, short principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional Yes • light source Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element 32.3 mm outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle • clockwise 45°			
design of the product Actuating/signaling element product type designation 3SU1 product line Plastic, black, 22 mm Enclosure 1 Actuator design of the actuating element design of the actuating element Selector, short principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional • light source • light source Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element 32.3 mm outer diameter of the actuating element 32.3 mm marking of the actuating element 2 number of switching positions 2	product brand name	SIRIUS ACT	
product type designation 3SU1 product line Plastic, black, 22 mm Enclosure 1 number of command points 1 Actuator design of the actuating element geign of the actuating element Selector, short principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional • light source • light source Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element 32.3 mm outer diameter of the actuating element 32.3 mm marking of the actuating element 2 number of switching positions 2	product designation	Selector switches	
Image: second	design of the product	Actuating/signaling element	
Enclosure 1 Actuator 4 design of the actuating element Selector, short principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional • • light source Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element 32.3 mm marking of the actuating element 32.3 mm marking of the actuating element 2 number of switching positions 2	product type designation	3SU1	
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product extension optional Yes • light source Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle 1	design of the actuating element	Selector, short	
• light sourceYes• contact moduleYescolor of the actuating elementgreenmaterial of the actuating elementplasticshape of the actuating elementHandleouter diameter of the actuating element32.3 mmmarking of the actuating elementCustomized labeling, text in lower case / capital letters, all words start with capital lettersnumber of switching positions2actuating angleImage: California for the actuating element	principle of operation of the actuating element	momentary contact, 45° (10:30 h/12 h), return from center to left	
• contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle Image: Customized labeling text in lower case / capital letters	product extension optional		
color of the actuating elementgreenmaterial of the actuating elementplasticshape of the actuating elementHandleouter diameter of the actuating element32.3 mmmarking of the actuating elementCustomized labeling, text in lower case / capital letters, all words start with capital lettersnumber of switching positions2actuating angle	light source	Yes	
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shape of the actuating element Handle outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle Image: Customized labeling, text in lower case / capital letters, all words start	color of the actuating element	green	
outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle Image: Customized labeling, text in lower case / capital letters, all words start with capital letters	material of the actuating element	plastic	
marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 actuating angle 2	shape of the actuating element	Handle	
number of switching positions 2 actuating angle 1	outer diameter of the actuating element	32.3 mm	
actuating angle	marking of the actuating element		
	number of switching positions	2	
• clockwise 45°	actuating angle		
	clockwise	45°	
Front ring	Front ring		
product component front ring Yes	product component front ring	Yes	
design of the front ring standard	design of the front ring	standard	
material of the front ring plastic	material of the front ring	plastic	
color of the front ring black	color of the front ring	black	
General technical data	General technical data		
protection class IP IP66, IP67, IP69(IP69K)	protection class IP	IP66, IP67, IP69(IP69K)	
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
shock resistance	shock resistance		
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms	
for railway applications according to EN 61373 Category 1, Class B	 for railway applications according to EN 61373 	Category 1, Class B	
vibration resistance	vibration resistance		
• according to IEC 60068-2-6 10 500 Hz: 5g	 according to IEC 60068-2-6 	10 500 Hz: 5g	
for railway applications according to EN 61373 Category 1, Class B	 for railway applications according to EN 61373 	Category 1, Class B	
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching 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	
Safety related data		
B10 value with high demand rate according to SN 31920	500 000	
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 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)	
Installation/ mounting/ dimensions		
height	32.3 mm	
width	32.3 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	32.3 mm	
installation depth	25.4 mm	
Certificates/ approvals		
Further information		
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=3SU1002-2BC40-0AA0-Z Y15 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BC40-0AA0-Z Y15		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BC40-0AA0-Z Y15		

<u>https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BC40-0AA0-Z Y15</u> Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <u>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BC40-0AA0-Z Y15&lang=en</u>

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