3SU1032-2BM60-0AA0-Z Y15

Data sheet



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product line Enclosure number of command points Actuating element principle of operation of the actuating element product extension optional light source ocolor of the actuating element material of the actuating element parking of the actuating element product extension optional light source ocolor of the actuating element parking of the actuating element principle of operation of the actuating element product extension optional light source ocolor of the actuating element material of the actuating element plastic shape of the actuating element marking of the actuating element product court diameter of the actuating element user in actuating element cuter diameter of the actuating element marking of the actuating element cuter diameter of the actuating element marking of the actuating element shape of the actuating element cuter diameter of the actuating element with capital letters number of switching positions actuating angle clockwise shape of the actuating element with capital letters actuating angle clockwise shape of the front ring feeling the front ring standard material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-6	product brand name	SIRIUS ACT	
product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element white material of the actuating element shape of the actuating element marking of the actuating element couter diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise front ring product component front ring design of the front ring actuating of the front ring material of the front ring standard material of the front ring Seneral technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance vibration resistance sinusoidal half-wave 15g / 11 ms Category 1, Class B	product designation	Selector switches	
product line Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional elight source color of the actuating element material of the actuating element plastic shape of the actuating element parking of the actuating element material of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element parking of the actuating element product extension actuating element shape of the actuating element plastic shape of switching letters, all words start with capital eleters actuating angle elockwise 45° Front ring product component front ring standard material of the front ring standard material of the front ring shape of the front ring	design of the product	Actuating/signaling element	
number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source contact module color of the actuating element material of the actuating element plastic shape of the actuating element marking of the actuating element marking of the actuating element cuter diameter of the actuating element marking of the actuating element cuter diameter of switching positions actuating angle clockwise actuating angle clockwise anticlockwise 45° anticlockwise 45° anticlockwise 45° design of the front ring design of the front ring material of the front ring material of the front ring color of the front ring design of the front ring material of the front ring design o	product type designation	3SU1	
number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module Color of the actuating element material of the actuating element practice of the actuating element material of the actuating element parking of the actuating element marking of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle • clockwise • anticlockwise 45° • anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring material of the front ring material of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance 5 elector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides protection element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides passed year year year Yes 45° 45° 45° 45° 45° 45° 45° 45° 45° 45	product line	Plastic with metal front ring, matt, 22 mm	
Actuator Gesign of the actuating element Selector, short 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 elight source Yes econtact module Yes color of the actuating element material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element diameter of the actuating element Alandle outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters actuating angle eclockwise 45° enticlockwise 45° enticlockwise 45° enticlockwise 45° enticlockwise 45° enticlockwise 45° enticlockwise enticloc	Enclosure		
design of the actuating element principle of operation of the actuating element product extension optional e light source	number of command points	1	
principle of operation of the actuating element product extension optional light source	Actuator		
product extension optional light source	design of the actuating element	Selector, short	
Ilight source contact module Color of the actuating element material of the actuating element plastic shape of the actuating element plastic shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle clockwise anticlockwise 45° anticlockwise 45° feront ring product component front ring design of the front ring material of the front ring material of the front ring sand gray General technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance Yes Customized labeling, text in lower case / capital letters, all words start with capital standle value of the front case / capital letters, all words start with capital protection flower case / capital letters, all words start with capital place of the front case / capital letters, all words start with capital standle design of the actuating element 32.3 mm Customized labeling, text in lower case / capital letters, all words start with capital standle design of the front ring actuating element standle standle standle standle design of the front ring standle	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides	
ontact module 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 marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle clockwise anticlockwise 45° anticlockwise front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 efor railway applications according to EN 61373 vibration resistance	product extension optional		
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 customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle clockwise shape of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle clockwise 45° shape of the front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance	• light source	Yes	
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle clockwise shape of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters actuating angle clockwise shape of the front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance	contact module	Yes	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle e clockwise anticlockwise front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 e for railway applications according to EN 61373 vibration resistance Handle 32.3 mm Customized labeling, text in lower case / capital letters, all words start with capital letters 45° 45° 45° Front ring Yes 45° 45° 45° Metal, matt color of the front ring sand gray General technical data protection class IP 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 Category 1, Class B	color of the actuating element	white	
outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance	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 actuating angle clockwise anticlockwise anticlockwise front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance clustomized labeling, text in lower case / capital letters, all words start with capital letters 3 actuating positions 45° 45° Front ring Yes design of the front ring Metal, matt sand gray 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 Category 1, Class B	shape of the actuating element	Handle	
number of switching positions actuating angle	outer diameter of the actuating element	32.3 mm	
actuating angle	marking of the actuating element		
	number of switching positions	3	
● anticlockwise 45° Front ring product component front ring Yes design of the front ring standard material of the front ring Metal, matt color of the front ring sand gray 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 ● for railway applications according to EN 61373 Category 1, Class B vibration resistance	actuating angle		
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Sand gray General technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance Ves Yes Metal, matt Sand gray IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B vibration resistance	• clockwise	45°	
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Sand gray 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 • for railway applications according to EN 61373 vibration resistance	anticlockwise	45°	
design of the front ring material of the front ring Metal, matt color of the front ring sand gray 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 • for railway applications according to EN 61373 vibration resistance	Front ring		
material of the front ring ma	product component front ring	Yes	
color of the front ring 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 • for railway applications according to EN 61373 vibration resistance sand gray IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B	design of the front ring	standard	
General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B	material of the front ring	Metal, matt	
protection class IP 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 for railway applications according to EN 61373 Category 1, Class B	color of the front ring	sand gray	
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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance	General technical data		
shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance	protection class IP	IP66, IP67, IP69(IP69K)	
 according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms for railway applications according to EN 61373 Category 1, Class B vibration resistance 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
• for railway applications according to EN 61373 Category 1, Class B vibration resistance	shock resistance		
vibration resistance	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
	 for railway applications according to EN 61373 	Category 1, Class B	
• according to IEC 60068-2-6	vibration resistance		
	 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
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
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=3SU1032-2BM60-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BM60-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BM60-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BM60-0AA0-Z Y15&lang=en

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