SIEMENS

Data sheet



Selector switch, illuminable, 30 mm, round, Metal, matte, white, selector switch, long, front ring for flush installation, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product product type designation product type designation product tine Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional Indicate the actuating element Indicate the actuating element plastic shape of the actuating element product diameter of the actuating element Indicate the act	product brand name	SIRIUS ACT
product tipe designation product line Metal, matt, flat, 30 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element	product designation	Selector switches
product line Metal, matt, flat, 30 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element d4.8 mm marking of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter actualing angle elockwise 45° elockwise 45° enticlockwise 45° front ring Flat 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 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance eacording to IEC 60068-2-7 elor railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h	design of the product	Actuating/signaling element
number of command points Actuator design of the actuating element principle of operation of the actuating element Iatching, 2x45° (10:30 h/12 h/13:30 h) Iight source	product type designation	3SU1
number of command points Actuator design of the actuating element principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) Product extension optional light source	product line	Metal, matt, flat, 30 mm
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principle of operation of the actuating element product extension optional • light source • contact 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 customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise 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 flat material of the front RMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 perating frequency maximum latching, 2x45° (10:30 h/12 h/13:30 h) Yes (10:30 h/12 h/13:30 h) Yes (10:30 h/12 h/13:30 h) Pes (10:30 h/12 h/12:30 h) Pes (10:30 h/12 h/12 h/13:30 h) Pes (10:40 h/12 h/12 h/12 h/12 h/12 h/12 h/12 h/12	Actuator	
product extension optional light source Yes	design of the actuating element	selector, long
Iight source Yes	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
color of the actuating element white material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 3 actuating angle	product extension optional	
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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 lines start with capital letter number of switching positions actuating angle	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 lines start with capital letter number of switching positions actuating angle clockwise shaticlockwise sh	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 lines start with capital letter 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 operating frequency maximum 44.8 mm Customized labeling, text in lower case / capital letters, all lines start with capital letter at 45° 45° 45° Flat Metal, matt sand gray General technical data protection class IP in JP66, 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 Category 1, Class B operating frequency maximum 1 800 1/h	material of the actuating element	plastic
marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter 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 operating frequency maximum Customized labeling, text in lower case / capital letters, all lines start with capital letter 3 3 3 45° 45° 45° Flat Metal, matt 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 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	shape of the actuating element	Handle
number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise front ring product component front ring general 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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B vibration frequency maximum vibration frequ	outer diameter of the actuating element	44.8 mm
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design of the front ring material of the front ring material of the front ring 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 according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	Front ring	
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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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	design of the front ring	Flat
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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B vibration resistance • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	protection class IP	IP66, IP67, IP69(IP69K)
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 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B Operating frequency maximum 1 800 1/h 	shock resistance	
vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum 10 500 Hz: 5g Category 1, Class B 1 800 1/h 	 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	vibration resistance	
operating frequency maximum 1 800 1/h	 according to IEC 60068-2-6 	10 500 Hz: 5g
	for railway applications according to EN 61373	Category 1, Class B
mechanical service life (switching cycles) typical 300 000	operating frequency maximum	1 800 1/h
	mechanical service life (switching cycles) typical	300 000

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	44.8 mm
width	44.8 mm
shape of the installation opening	round
mounting diameter	30.5 mm
positive tolerance of installation diameter	0.5 mm
mounting height	22.1 mm
installation width	44.8 mm
installation depth	32.1 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=3SU1062-2EL60-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EL60-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2EL60-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2EL60-0AA0-Z Y10&lang=en

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