SIEMENS

Data sheet



Selector switch, illuminable, 30 mm, round, Metal, matte, green, selector switch, long, front ring for flush installation, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, lower case

product designation design of the product product type designation product type designation product type designation product time Enclosure number of command points Actuating selector, long momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides product extension optional light source eonated module color of the actuating element material of the actuating element product diameter of the actuating element shape of the actuating element Handle outer diameter of the actuating element number of switching positions actuating angle electorism electorism electorism product extension optional 4.4.8 mm Customized labeling, text in lower case letters number of switching positions 3 actuating angle electorism electorism product extension of the actuating element plastic protection chass IP design of the front ring General technical data protection class IP flee (BPC, IP68)(P69K) degree of protection NEMA rating shock resistance electorism of prot	product brand name	SIRIUS ACT
product line Metal, matt, flat, 30 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element At 4.8 mm marking of the actuating element Customized labeling, text in lower case letters number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° • anticlockwise 45° Front ring Yes design of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP IPG6, IPG7, IPG9(IPG9K) degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance • according to IEC 60068-2-6 soperating applications according to EN 61373 category 1, Class B operating frequency maximum 1800 category 1, Class B	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 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 Customized labeling, text in lower case letters number of switching positions actuating angle • clockwise • anticlockwise Front ring product component front ring Metal, matt color of the front ring Metal, matt color of the front ring Sand gray General technical data protection class IP degree of protection NEMA rating • for railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical Metal, matt Category 1, Class B 1 500 Hz.: 59 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	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 elight source 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 Aut.8 mm cuter diameter of the actuating element Aut.8 mm	product type designation	3SU1
number of command points Actuator design of the actuating element 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 green material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Customized labeling, text in lower case letters number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise Front ring product component front ring Yes design of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP degree of protection NEMA rating **Per of railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	product line	Metal, matt, flat, 30 mm
design of the actuating element selector, long momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides principle of operation of the actuating element 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 Customized labeling, text in lower case letters number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° • anticlockwise 45° Front ring product component front ring Yes design 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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional elight source contact module color of the actuating element plastic shape of the actuating element plastic shape of the actuating element outer diameter of the actuating element material of the actuating element coter diameter of the actuating element cuter diameter of the actuating element dufficution element cuter diameter of the actuating element dufficution element dufficu	number of command points	1
principle of operation of the actuating element product extension optional • light source • contact module Color of the actuating element material of the actuating element green material of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element color of switching positions actuating angle • clockwise • anticlockwise • anticlockwise Front ring product component front ring design of the front ring color of the front ring material of the front ring general technical data protection class IP degree of protection NEMA rating vibration resistance • according to IEC 60068-2-7 • for railway applications according to EN 61373 operating frequency maximum prechanical service life (switching cycles) typical mechanical service life (switching cycles) typical mechanical service life (switching cycles) typical	Actuator	
product extension optional light source Yes	design of the actuating element	selector, long
● contact module Color of the actuating element material of the actuating element material of the front ring material of the front ring color of the front ring material of the front ring material of the front ring color of the front ring protection class IP degree of protection NEMA rating sibration vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical green green green green green Handle green Handle Question Handle Question Handle Question Handle Question Question Question Handle Question Question Question Handle Question Que	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
e 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 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 color of the front ring protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical green Handle Gustom	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 number of switching positions actuating angle e clockwise shape of the front ring design 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 operating frequency maximum pechanical service life (switching cycles) typical passing frequency maximum plastic Handle Usuandle Usuatomic Usuatomic A4.8 mm 44.8 mm 44.8 mm 44.8 mm 45. 45. 45. 45. 45. 45. 45. 4	 contact module 	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions actuating angle elockwise anticlockwise front ring product component front ring design 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 e for railway applications according to EN 61373 operating frequency maximum shock In all all and service life (switching cycles) typical Handle 44.8 mm 45.8 minimized labeling, text in lower case letters actuating abelians, text in lower case letters actuating actuation actuatio	color of the actuating element	green
outer diameter of the actuating element marking of the actuating element number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise Tront ring product component front ring design 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 operating frequency maximum nechanical service life (switching cycles) typical 44.8 mm Customized labeling, text in lower case letters actuating angle customized labeling, text in lower case letters actuating of the front ring customized labeling, text in lower case letters actuating angle 45° 45° Front ring Yes Metal, matt sand gray Metal, matt sand gray General technical data protection class IP IP66, IP67, IP69(IP69K) 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 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	material of the actuating element	plastic
marking of the actuating element number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise Tront 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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum nechanical service life (switching cycles) typical according to IEC (switching cycles) typical	shape of the actuating element	Handle
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 General technical data protection class IP 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	outer diameter of the actuating element	44.8 mm
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 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	marking of the actuating element	Customized labeling, text in lower case letters
olockwise	number of switching positions	3
anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring 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 according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical Yes Metal, matt Metal, matt sand gray IP66, IP69, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B 10 500 Hz: 5g Category 1, Class B Operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical	actuating angle	
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 • 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 mechanical service life (switching cycles) typical	clockwise	45°
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 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 ofor 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 mechanical service life (switching cycles) typical	anticlockwise	45°
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 • 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 mechanical service life (switching cycles) typical	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 • 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 mechanical service life (switching cycles) typical	product component front ring	Yes
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 for railway applications according to EN 61373 category 1, Class B category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	design of the front ring	Flat
protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms for railway applications according to EN 61373 ribration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B ribration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B ribration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B ribration resistance according to IEC 60068-2-6 according	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 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 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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 mechanical service life (switching cycles) typical 300 000	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 mechanical service life (switching cycles) typical 300 000	protection class IP	IP66, IP67, IP69(IP69K)
 according to IEC 60068-2-27 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 for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373 vibration resistance	shock resistance	
vibration resistance 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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 category 1, Class B operating frequency maximum mechanical service life (switching cycles) typical 300 000 	 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 mechanical service life (switching cycles) typical 300 000 	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	 according to IEC 60068-2-6 	10 500 Hz: 5g
mechanical service life (switching cycles) typical 300 000	 for railway applications according to EN 61373 	Category 1, Class B
	operating frequency maximum	1 800 1/h
reference code according to IEC 81346-2	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=3SU1062-2EM40-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EM40-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2EM40-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1062-2EM40-0AA0-Z Y12&lang=en

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