SIEMENS

Data sheet

3SU1062-2EF40-0AA0-Z Y10



Selector switch, illuminable, 30 mm, round, Metal, matte, green, selector switch, long, front ring for flush installation, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name SIRUS ACT product designation Selector switches design of the product Actuating signaling element product time Metal, matt, flat, 30 mm Enclosure 1 number of command points 1 Actuation selector, long principle of operation of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional Yes • inght source Yes • contact module Yes color of the actuating element green material 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 2 actuating angle 0° • cockwise 90° Product component front ring Flat material of the front ring sand gray General technical data protection class IP design of the front ring 1.2, 3, 3R, 4.4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11	•	
design of the product Actuating/signaling element product type designation 3SU1 product line Metal, matt, flat, 30 mm Enclosures 1 Actuator design of the actuating element principle of operation of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional 'Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element Handle outor diameter of the actuating element Customized labeling, text in lower case / capital letters, all lines start marking of the actuating element 2 actuating angle 90° • clockwise 90° Front ring Yes product component front ring Yes design of the front ring Yes design of the front ring Yes protection class IP IP66, IP67, IP69(IP68K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g	product brand name	SIRIUS ACT
product type designation 3SU1 product line Metal, matt, flat, 30 mm Enclosure Immber of command points Actuator 1 Actuator selector, long principle of operation of the actuating element jacking, 90° (10:30 h/13:30 h) product extension optional Yes • contact module Yes • colockwise 90° • cockwise 90° • colockwise 90° Front ring Yes design of the front ring Flat material of the front ring sand gray General technical data Protection class IP protection class IP IP66, IP	product designation	Selector switches
product line Metal, matt, flat, 30 mm Enclosure number of command points 1 Actuator selector, long Image: Selector, long design of the actuating element selector, long Image: Selector, long principle of operation of the actuating element selector, long Image: Selector, long output attension optional ves Selector, long Image: Selector, long output attension optional Yes Selector, long Selector, long color of the actuating element green material of the actuating element Handle outer diameter of the actuating element Handle Customized labeling, text in lower case / capital letters, all lines start mumber of switching positions 2 actuating angle 0° e clockwise 90° Front ring Flat product component front ring Yes Yes design of the front ring Metal, matt Selector, long gonoral technical data Image: Selector, long Yes product component front ring Yes Selector, long design of the front ring	design of the product	Actuating/signaling element
Enclosure 1 Actuator design of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional • light source • loght be actuating element latching, 90° (10:30 h/13:30 h) product extension optional Yes • contact module Yes color of the actuating element green 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 2 actuating angle • • clockwise 90° Front ring Flat material of the front ring Flat material of the front ring Sand gray General technical data protection NEMA rating protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • according to IEC 60068-2-6 10 500 Hz: 5g • for ralway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 .	product type designation	3SU1
number of command points 1 Actuator design of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional 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 / capital letters, all lines start marking of the actuating element 2 actuating angle 90° • clockwise 90° Front ring Yes general technical data Flat material of the front ring Flat material of the front ring Sand gray General technical data protection class IP protection class IP IP66, IP67, IP69(IP69K) degree of protection REMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Vibration resistancc 10 500 Hiz; 5g • for railway applications according to	product line	Metal, matt, flat, 30 mm
Actuator design of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional isight source • iight 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 44.8 mm marking of the actuating element Color is witching positions actuating angle 0° • clockwise 90° Front ring Yes product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring Sand gray General technical data protection class IP design of Iber fork rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-67 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resis	Enclosure	
design of the actuating element selector, long principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional Yes • light source Yes • contact module Yes color of the actuating element green plastic shape of the actuating element shape of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle 90° • clockwise 90° Front ring Flat material of the front ring Yes design of the front ring Sand gray General technical data product cass IP 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 • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B	number of command points	1
principle of operation of the actuating element Iatching, 90° (10:30 h/13:30 h) 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 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start number of switching positions 2 actuating angle 90° • clockwise 90° Front ring Flat material of the front ring Flat material of the front ring Sand gray General technical data production class IP 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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-65 10 500 H2: 5g • for railway applications according to EN 61373	Actuator	
product extension optional Yes • contact module Yes • contact module Yes color of the actuating element green material of the actuating element plastic shape of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start number of switching positions 2 actuating angle 90° • clockwise 90° Product component front ring Yes design of the front ring Flat material of the front ring Sand gray General technical data protection class IP protection class IP IP66, IP67, IP69(IP69K) degree of protection Saccording to EN 61373 Category 1, Class B vibration resistance inusoidal half-wave 15g / 11 ms • according to IEC 60068-2-8 10 500 Hz; 5g • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz; 5g • for railway application	design of the actuating element	selector, long
• light source Yes • contact module Yes • contact module Yes color of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle • • clockwise 90° Front ring Yes design of the front ring Yes design of the front ring Sand gray General technical data Protection Class IP 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 • according to IEC 60068-2-6 10 500 Hz: 5g • 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	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
• 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 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle • clockwise • clockwise 90° front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray General technical data Protection class IP 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 • 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	product extension optional	
color of the actuating element green material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle 90° • clockwise 90° front ring Yes product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray General technical data 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 • according to IEC 60068-2-6 10 500 Hz: 5g • 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 vibration resistance 1800 1/h mechanical service life (switching cycles) typical	light source	Yes
material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle 90° • clockwise 90° Front ring Yes design of the front ring Flat material of the front ring Ketal, matt color of the front ring sand gray General technical data IP66, IP67, IP69(IP69K) gere of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical 300 000	contact module	Yes
shape of the actuating element Handle outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle 0° • clockwise 90° Front ring Yes product component front ring Flat material of the front ring Ketal, matt color of the front ring sand gray General technical data protection NEMA rating protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B vibration resistance 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	color of the actuating element	green
outer diameter of the actuating element 44.8 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle 0° • clockwise 90° Front ring Yes design of the front ring Flat material of the front ring Ketal, matt color of the front ring Sand gray 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 • 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 0 • 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	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 2 actuating angle 90° • clockwise 90° Front ring Yes product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray 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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance 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	shape of the actuating element	Handle
with capital letter number of switching positions actuating angle • clockwise 90° Front ring product component front ring flat material of the front ring color of the front ring general technical data protection class IP general technical data protection NEMA rating shock resistance • 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 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	outer diameter of the actuating element	44.8 mm
actuating angle 90° Front ring 90° product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP 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 e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 e according to IEC 60068-2-6 10 500 Hz: 5g of 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	marking of the actuating element	
• clockwise 90° Front ring product component front ring product component front ring Flat material of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP 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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	number of switching positions	2
Front ring Yes product component front ring Yes design of the front ring Flat material of the front ring Metal, matt color of the front ring sand gray General technical data Protection class IP 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 e for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 e according to IEC 60068-2-6 10 500 Hz: 5g of or 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	actuating angle	
product component front ringYesdesign of the front ringFlatmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataIP66, IP67, IP69(IP69K)protection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistancein 500 Hz: 5g• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	clockwise	90°
design of the front ringFlatmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	Front ring	
material of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	product component front ring	Yes
color of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceaccording to IEC 60068-2-27• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceaccording to IEC 60068-2-6• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B• operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	design of the front ring	Flat
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	material of the front ring	Metal, matt
protection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	color of the front ring	sand gray
degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	General technical data	
shock resistance • 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 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	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 according to IEC 60068-2-6 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 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 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	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
e 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 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 S	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	100 000
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=3SU1062-2EF40-0AA0-Z Y10 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EF40-0AA0-Z Y10 Service&Support (Manuals, Certificates, Characteristics, FAQs,)	
https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-	

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2EF40-0AA0-Z Y10&lang=en

last modified:

1/26/2022 🖸