## **SIEMENS**

## **Data sheet**



Selector switch, illuminable, 30 mm, round, Metal, matte, white, selector switch, short, front ring for flush installation, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h

product designation design of the product product type designation product type designation product type designation 3SU1 product line Metal, matt, flat, 30 mm    Selector switches	product brand name	SIRIUS ACT
product type designation product line Enclosure number of command points  1  Actuator  design of the actuating element principle of operation of the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   white	product designation	Selector switches
product type designation product line Enclosure number of command points  1  Actuator  design of the actuating element principle of operation of the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching from the actuating element   white	design of the product	Actuating/signaling element
Enclosure  number of command points  Actuator  design of the actuating element principle of operation of the actuating element   latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching   latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching   product extension optional   light source		
number of command points 1  Actuator  design of the actuating element   Selector, short	product line	Metal, matt, flat, 30 mm
design of the actuating element Selector, short principle of operation of the actuating element latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional	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 material of the actuating element plastic shape of the actuating element number of switching positions actuating angle clockwise anticlockwise anticlockwise anticlockwise anticlockwise anticlockwise anticlockwise anticlockwise shape of the front ring product component front ring design of the front ring material of the front ring sand gray  General technical data 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 vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2  Selector, short latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching latching latching latching romentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching latching latching romentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching latching resistance expects sinusoidal half-wave 15g/11 ms Category 1, Class B  vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 Category 1, Class B  vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 Category 1, Class B	number of command points	1
principle of operation of the actuating element  product extension optional    elight source	Actuator	
product extension optional  • light source  • contact module  color of the actuating element  material of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  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  flat  material of the front ring  color 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  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  category 1, Class B  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 631346-2  S	design of the actuating element	Selector, short
• 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 number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise  Front ring product component front ring design of the front ring material 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 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2  S sinusoidal tags  Ves  Yes  45°  45°  45°  45°  45°  45°  45°  45	principle of operation of the actuating element	
color of the actuating element white material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 38 mm number of switching positions 3 actuating angle clockwise 45° anticlockwise 45° anticlockwise 45° front ring Flat material of the front ring Flat material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring sand gray  General technical data protection class IP IP 66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 sor railway applications according to EN 61373 Category 1, Class B vibrating frequency maximum 1, 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	product extension optional	
color of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 38 mm number of switching positions 3 actuating angle	• light source	Yes
material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 38 mm number of switching positions 3 actuating angle electockwise 45° anticlockwise 45° enticlockwise 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 eacording to IEC 60068-2-6 sinusoidal half-wave 15g / 11 ms operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  S	contact module	Yes
shape of the actuating element  outer diameter of the actuating element  number of switching positions  actuating angle  • clockwise  • anticlockwise  • anticlockwise  front ring  product component front ring  product component front ring  flat  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  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 (operating cycles) typical  reference code according to IEC 81346-2  S	color of the actuating element	white
outer diameter of the actuating element number of switching positions  actuating angle	material of the actuating element	plastic
number of switching positions  actuating angle  clockwise anticlockwise 45°  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 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 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  S	shape of the actuating element	Handle
actuating angle	outer diameter of the actuating element	38 mm
o clockwise     o anticlockwise     o anticlockwise     o anticlockwise  Front ring  product component 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  o according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  o according to IEC 60068-2-6  of or railway applications according to EN 61373  category 1, Class B  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	number of switching positions	3
* anticlockwise     * A5°  Front ring  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     * 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     * according to IEC 60068-2-6     * of railway applications according to EN 61373  category 1, Class B  operating frequency maximum     * 1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	actuating angle	
product component 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  operating frequency maximum  nechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  Metal, matt  Plat  Metal, matt  Selat  Metal, matt  Flat  Metal, matt  Flat  Metal, matt  Flat  Metal, matt  Sand gray  Category  LP69, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  according to IEC 60068-2-7  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  Ocategory 1, Class B  Operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	• 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  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  • 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 (operating cycles) typical  reference code according to IEC 81346-2  S	<ul><li>anticlockwise</li></ul>	45°
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 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 (operating cycles) typical reference code according to IEC 81346-2 S	Front ring	
material of the front ring  color of the front ring  sand gray  General technical data  protection class IP  lP66, 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  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S	product component front ring	Yes
color of the front ring  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  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 (operating cycles) typical  reference code according to IEC 81346-2  S	design of the front ring	Flat
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 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  • 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 (operating cycles) typical  reference code according to IEC 81346-2  S	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  • 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 (operating cycles) typical  reference code according to IEC 81346-2  S	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 (operating cycles) typical 300 000  reference code according to IEC 81346-2 S	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     for railway applications according to EN 61373     Category 1, Class B  operating frequency maximum     1 800 1/h  mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
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 (operating cycles) typical  reference code according to IEC 81346-2  S	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>operating frequency maximum</li> <li>mechanical service life (operating cycles) typical</li> <li>reference code according to IEC 81346-2</li> <li>S</li> </ul>	<ul> <li>for railway applications according to EN 61373</li> </ul>	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 (operating cycles) typical  reference code according to IEC 81346-2  S	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
reference code according to IEC 81346-2	operating frequency maximum	1 800 1/h
	mechanical service life (operating cycles) typical	300 000
Substance Prohibitance (Date) 10/01/2014	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	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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	38 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	38 mm
installation depth	32.1 mm
Certificates/ approvals	

**(P**)

**General Product Approval** 

Confirmation







**Declaration of Conformity** 



**Test Certificates** 

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









other

Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1062-2DN60-0AA0

Cax online generator

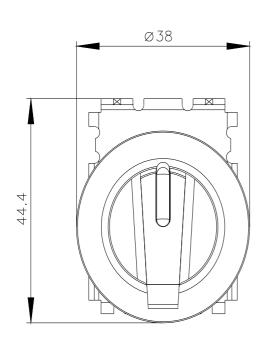
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DN60-0AA0

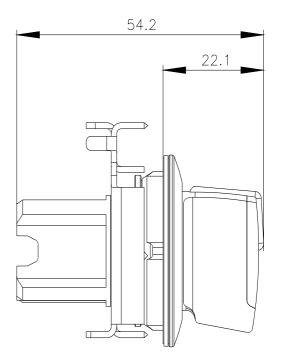
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DN60-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1062-2DN60-0AA0\&lang=ender.pdf} \\ \underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1062-2DN60-0AA0\&lang=ender.pdf} \\ \underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx.pdf} \\ \underline$ 





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