## **SIEMENS**

## **Data sheet**



Selector switch, illuminable, 30 mm, round, Metal, matte, white, selector switch, short, front ring for flush installation, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product type designation  design of the product product type designation product line  Enclosure number of command points  Actuating segment product type designation  actuating element  Enclosure  design of the actuating element principle of operation of the actuating element elight source contact module color of the actuating element shape of the actuating element shape of the actuating element material of the actuating element material of switching positions actuating angle clockwise  Front ring product component front ring design of the	product brand name	SIRIUS ACT
product type 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 extension optional	product designation	Selector switches
product line  Enclosure number of command points  Actuator  design of the actuating element principle of operation of the actuating element elight source color of the actuating element material of the actuating element pouter destructing element material of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element marking of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions 2 actuating angle clockwise 45°  Front 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 according to IEC 60068-2-3 brian according to IEC 60068-2-4 according to IEC 60068-2-7 according to IEC 60068-2-7 according to IEC 60068-2-7 brian according to IEC 60068-2-7 according to IEC 60068-2-7 according to IEC 60068-2-7 according to IEC 60068-2-7 brian according to IEC 60068-2-7 according to I	design of the product	Actuating/signaling element
Enclosure  number of command points  Actuator  design of the actuating element product extension optional  • light source • contact module  color of the actuating element material of the actuating element  marking of the actuating element  marking of the actuating element  mumber of switching positions actuating angle • clockwise  Front ring product component front ring design of the front ring color of the front ring color of the front ring sand gray  General technical data  protection class IP • according to IEC 60068-2-8 • according to IEC 60068-2-8 • according for IEC 60068-2-6 • according frequency maximum  prochanical service life (switching cycles) typical  Selector, short momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left  Yes  actually applications actualing	product type designation	3SU1
number of command points  Actuator  design of the actuating element principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional  • light source Yes • contact module Yes color of the actuating element white material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions 2 actuating angle • clockwise 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 degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 • 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	product line	Metal, matt, flat, 30 mm
Actuator   design of the actuating element   momentary contact, 45° (10:30 h/12 h), return from center to left	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional	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 white material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element arking of the actuating element  number of switching positions 2 actuating angle • clockwise  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 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 (switching cycles) typical  mechanical service life (switching cycles) typical  mechanical service life (switching cycles) typical  momentary contact, 45° (10:30 h/12 h), return from center to left  yes (10:30 h/12 h), return from center to left  yes (10:30 h/12 h), return from center to left  yes (10:30 h/12 h), return from center to left  yes (10:30 h/12 h), return from center to left  yes (10:30 h/12 h), return from center to left  yes  yes  yes  45°  Front ring  Yes  45°  Front ring  Metal, matt  color of the front ring  Metal, matt  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  of or railway applications according to EN 61373  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical	Actuator	
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 arking of the actuating element outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle • clockwise  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 • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	design of the actuating element	Selector, short
• light source • contact module Color of the actuating element material of the actuating element marking of the actuating element  number of switching positions 2 actuating angle • clockwise  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 degree of protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373  operating frequency maximum mechanical service life (switching cycles) typical  yhite white yes harde  yes Handle  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration lentification Number (CIN)  2 actuating angle 45°  45° Front ring Yes design of the front ring Metal, matt sand gray  General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  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  Operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	principle of operation of the actuating element	momentary contact, 45° (10:30 h/12 h), return from center to left
color of the actuating element white material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)  number of switching positions 2 actuating angle     clockwise 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 60068-2-6 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 Operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	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  marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  actuating angle clockwise  Front ring product component front ring design of the front ring material of the front ring Metal, matt 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  1 800 1/h mechanical service life (switching cycles) typical  white handle handle handle hardle ha	<ul><li>light source</li></ul>	Yes
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  number of switching positions actuating angle clockwise  **Torn tring  product component front ring design 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 (switching cycles) typical  passing in sam marked as minimary summarked and no sum of the service life (switching cycles) typical  As minimary instruction symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, lext or symbol, can only be ordered via SIRIUS ACT configuration ldentification Number (CIN)  2  actuating angle 45°  Flat  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  Category 1, Class B  operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	contact module	Yes
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions  2  actuating angle  • clockwise  Front ring  product component front ring  product component front ring  flat  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 (switching cycles) typical	color of the actuating element	white
outer diameter of the actuating element     38 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)       number of switching positions     2       actuating angle <ul> <li>clockwise</li> <li>45°</li> </ul> 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               ofor railway applications according to EN 61373             Category 1, Class B           vibration resistance             according to IEC 60068-2-6             10 500 Hz: 5g               ofor 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  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  number of switching positions 2 actuating angle ● clockwise  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 ● 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	shape of the actuating element	Handle
configurator/Configuration Identification Number (CIN)  number of switching positions  actuating angle  • clockwise  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  operating frequency maximum  nechanical service life (switching cycles) typical  overating frequency maximum  nechanical service life (switching cycles) typical	outer diameter of the actuating element	38 mm
actuating angle	marking of the actuating element	
• clockwise 45°  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 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 (switching cycles) typical 300 000	number of switching positions	2
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  1 800 1/h  mechanical service life (switching cycles) typical	actuating angle	
product component front ring  design of the front ring  material of the front ring  Flat  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  • 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	<ul><li>clockwise</li></ul>	45°
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  • 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 300 000	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 frequency maximum  the formula for the front ring and gray  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  according to IEC 60068-2-6  according to IEC 60068-2-7  according to IEC 6006	product component front ring	Yes
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  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  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 300 000	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  nechanical 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	protection class IP	IP66, IP67, IP69(IP69K)
<ul> <li>according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>vibration resistance</li> <li>according to IEC 60068-2-6 10 500 Hz: 5g</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>operating frequency maximum 1 800 1/h</li> <li>mechanical service life (switching cycles) typical 300 000</li> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
<ul> <li>for railway applications according to EN 61373</li> <li>Vibration resistance</li> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>300 000</li> </ul>	shock resistance	
vibration resistance	<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 (switching cycles) typical</li> <li>300 000</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 (switching cycles) typical  300 000	vibration resistance	
operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical300 000	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
mechanical service life (switching cycles) typical 300 000	<ul> <li>for railway applications according to EN 61373</li> </ul>	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	500 000
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	
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=3SU1062-2DC60-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DC60-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DC60-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1062-2DC60-0AA0-Z Y19&lang=en

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