## **SIEMENS**

## **Data sheet**



Selector switch, 22 mm, round, plastic, white, Rotary knob, 4 switch positions I-II-III-IV, latching, Actuating angle  $4x90^\circ$ , 3h/6h/9h/12h, with laser labeling, upper case

product designation Selector switches design of the product product type designation product type designation product type designation product time  Enclosure number of command points 1 Actuator  design of the actuating element product extension optional light source coronary of the actuating element product extension optional light source color of the actuating element material of the actuating element passic shape of the actuating element public shape of the actuating element plastic pouter dismeter of the actuating element plastic possible actuating element plastic protection of the actuating element protection class ip product component front ring plastic protection class ip protection class ip league of protection NEMA rating protection class ip league of protection NEMA rating protection class ip league of protection NEMA rating for railway applications according to EN 61373 per rational plastic protection class ip league of protection NEMA rating for railway applications according to EN 61373 poperating frequency maximum product according to IEC 81346-2 Substance Prohibitance (Data) 1001/2014		
design of the product product type dosignation 3SU1 product line Plastic, black, 22 mm  Enclosure number of command points 1 Actuator  design of the actuating element product itemsion optional light source contact module light source color of the actuating element material of the actuating element parking of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element parking of the actuating element plastic shape of the actuating element Any inscription, text in upper case number of switching positions actuating angle clockwise gloo"  Front ring product component front ring design of the front ring product component front ring plastic color of the front ring standard standa	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm  Encolosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element   Bight source   No	product designation	Selector switches
product line Plastic, black, 22 mm  Enclosure number of command points 1  Actuator  design of the actuating element Principle of operation of the actuating element   Rotary knob   product extension optional   • light source   No   • contact module   Yes   color of the actuating element   plastic   shape of the actuating element   Button   outer diameter of the actuating element   Button   outer diameter of the actuating element   Any inscription, text in upper case   number of switching positions   4   actuating angle   • clockwise   360°   • anticlockwise   360°   • anticlockwise   360°   Front ring   Yes   design of the front ring   plastic   standard   material of the front ring   plastic   color of th	design of the product	Actuating/signaling element
Enclosure  number of command points  1 Actuator  design of the actuating element Rotary knob principle of operation of the actuating element Latching, 4x90" (3/6/9/12 o'clock)  product extension optional  • light source • contact module  color of the actuating element white material of the actuating element plastic shape of the actuating element Button outer diameter of the actuating element Any inscription, text in upper case number of switching positions 4 actuating angle • clockwise • anticlockwise • anticlockwise 9360"  Front ring  product component front ring design of the front ring design of the front ring black  Color of the front ring color of the front ring black  Coloreral technical data  protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373  vibration resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373  category 1, Class B  vibration resistance • according to IEC 60068-2-6 • for rallway 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 type designation	3SU1
number of command points 1  Actustor  design of the actuating element Principle of operation of the actuating element   Latching, 4x90" (3/6/9/12 o'clock)  product extension optional  • light source No  • contact module Yes  color of the actuating element   plastic   shape of the actuating element   Button   outer diameter of the actuating element   Any inscription, text in upper case   number of switching positions   4  actuating angle   • clockwise   360" • anticlockwise   360"  * anticlockwise   360"  * anticlockwise   360"  front ring   Yes   design of the front ring   standard   material of the front ring   plastic   color of the front ring   1/2, 3, 3R, 4, 4X, 12, 13  * shock 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 Ilife (operating cycles) typical   1000 000   reference code according to IEC 61346-2   S	product line	Plastic, black, 22 mm
design of the actuating element product extension optional eligible source passes and actuating element product extension optional eligible source possible source passes and actuating element white passic color of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic plas	Enclosure	
design of the actuating element Product extension optional  principle of operation of the actuating element Latching, 4x90" (3/6/9/12 o'clock)  product extension optional  * light source No  • contact module Yes  color of the actuating element white material of the actuating element Button  outer diameter of the actuating element Any inscription, text in upper case number of switching positions 4  actuating angle  • clockwise 360"  • anticlockwise 360"  Front ring  product component front ring standard material of the front ring plastic  color of the front ring black  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  • 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  • 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  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2	number of command points	1
principle of operation of the actuating element product extension optional ilight source contact module ves color of the actuating element white material of the actuating element shape of the actuating element button outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions 4 actuating angle clockwise anticlockwise anticlockwise solor 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 celegory 1, Class B over the reference code according to EC 81346-2  Latching, 4x90° (3/6/9/12 o'clock) Yes No Ves No Ves No Ves Solome Pes Solome No	Actuator	
product extension optional    light source   Yes	design of the actuating element	Rotary knob
Ight source  Color of the actuating element  Color of the actuating element  Shape of the actuating element  Couter diameter of the actuating element  Button  Outer diameter of the actuating element  Any inscription, text in upper case  Inumber of switching positions  4  Actuating angle  Clockwise  Shape  And inscription, text in upper case  Any inscription, text in upper case  Inumber of switching positions  4  Actuating angle  Clockwise  Shape  Any inscription, text in upper case  Button  Yes  design of the actuating element  Any inscription, text in upper case  Any inscription, text in upper case  Any inscription, text in upper case  Button  Yes  design of the front ring  Standard  Pes  Busic  Color of the front ring  Standard  Material of the front ring  Dastic  Color of the front ring  Dastic  Co	principle of operation of the actuating element	Latching, 4x90° (3/6/9/12 o'clock)
ocntact module     color of the actuating element     material of the actuating element     shape of the actuating element     outer diameter of the actuating element     arriving of the actuating element     Any inscription, text in upper case     number of switching positions     4     actuating angle     clockwise     anticlockwise     anticloc	product extension optional	
color of the actuating element white material of the actuating element Button outer diameter of the actuating element Any inscription, text in upper case number of switching positions 4 actuating angle • clockwise 360° • anticlockwise 360°  • anticlockwise 360°  product component front ring Yes design of the front ring standard material of the front ring black  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  operating frequency maximum 1800 I/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2	• light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element arking of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions 4 actuating angle oclockwise 360° anticlockwise 360° anticlockwise 360° anticlockwise 360° product component front ring design of the front ring material of the front ring plastic color of the front ring black  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 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	contact module	Yes
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  number of switching positions  4  actuating angle  clockwise  anticlockwise  anticlockwise  anticlockwise  front ring  product component front ring  design of the front ring  material of the front ring  protection class IP  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-7  for railway applications according to EN 61373  operating frequency maximum  nechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  according to IEC 81346-2  S  Button  Any inscription, text in upper case  a60°  29.5 mm  Any inscription, text in upper case  a60°  4  4  4  4  4  4  4  4  4  4  4  4  4	color of the actuating element	white
outer diameter of the actuating element marking of the actuating element number of switching positions actuating angle e clockwise anticlockwise anticlockwise anticlockwise yroduct component front ring product component front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 category 1, Class B  operating frequency maximum nechanical service life (operating cycles) typical reference code according to IEC 81346-2 S	material of the actuating element	plastic
marking of the actuating element number of switching positions 4  actuating angle • clockwise • anticlockwise 360°  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  operating frequency maximum  mechanical service life (operating cycles) typical reference code according to IEC 81346-2  A60°  360°  7es 360° 360° 360° 360° 360° 360° 360° 360°	shape of the actuating element	Button
number of switching positions  actuating angle  • clockwise  • anticlockwise  360°  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  color of the front ring  black  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  • 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	outer diameter of the actuating element	29.5 mm
actuating angle  • clockwise • anticlockwise • anticlockwise • anticlockwise  760°  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  color of the front ring  black  General technical data  protection class IP  degree of protection NEMA rating  shock resistance • according to IEC 60068-2-27 • of or 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	marking of the actuating element	Any inscription, text in upper case
• clockwise     • anticlockwise     • anticlockwise     • anticlockwise     • anticlockwise  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 (operating cycles) typical reference code according to IEC 81346-2  S	number of switching positions	4
• anticlockwise 360°  Front ring  product component front ring Yes  design of the front ring standard  material of the front ring plastic  color of the front ring black  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 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 reference code according to IEC 81346-2 S	actuating angle	
product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  color of the front ring  plastic  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	• clockwise	360°
product component front ring  design of the front ring  material of the front ring  color of the front ring  plastic  black  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	<ul> <li>anticlockwise</li> </ul>	360°
design of the front ring plastic color of the front ring black  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 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 reference code according to IEC 81346-2 S	Front ring	
material of the front ring  color of the front ring  black  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  of or railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  of or railway applications according to EN 61373  Category 1, Class B  vibration resistance  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	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  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 (operating cycles) typical  reference code according to IEC 81346-2  S	design of the front ring	standard
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	plastic
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	black
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	General technical data	
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	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
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	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>1 800 1/h</li> <li>mechanical service life (operating cycles) typical</li> <li>1 000 000</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 1 000 000 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 1 000 000 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	1 000 000
Substance Prohibitance (Date) 10/01/2014	reference code according to IEC 81346-2	S
	Substance Prohibitance (Date)	10/01/2014

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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	29.5 mm
width	29.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	28.8 mm
installation width	29.5 mm
installation depth	29.4 mm
Certificates/ approvals	
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=3SU1000-2AS60-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-2AS60-0AA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-2AS60-0AA0-Z Y11

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-2AS60-0AA0-Z Y11&lang=en

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