## **SIEMENS**

## **Data sheet**



Selector switch, illuminable, 22 mm, round, plastic, yellow, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product product type designation product line Plastic, black, 22 mm  Factosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional elight source color of the actuating element product extension optional elight source color of the actuating element product extension optional elight source color of the actuating element patient of the actuating element product extension optional elight source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element product extension options actuating element actuating element cuter diameter of the actuating element product extension options actuating angle elockwise eloc	product brand name	SIRIUS ACT
product type designation product line  Enclosure number of command points  Actuator  design of the actuating element principle of operation of the actuating element elight source ocolor of the actuating element practicating element practicating element elight source ocolor of the actuating element practicating element plastic shape of the actuating element puter diameter of the actuating element puter diameter of the actuating element practicating element practicating element practicating element practicating element practicating element practicating element product component front ring product component front ring design of the front ring plastic color of the front ring plastic protection class IP eccording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	product designation	Selector switches
product line Plastic, black, 22 mm  Enclosure number of command points 1  Actuator  design of the actuating element Selector, short principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h)  product extension optional  e light source Yes contact module Yes color of the actuating element yellow material of the actuating element Handle outer diameter of the actuating element with capital letter number of switching positions 3  actuating angle e clockwise 45° e anticlockwise 45° Front ring product component front ring standard material of the front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	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 product extension optional  • light source Yes • contact module Yes  color of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Su.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter  number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° 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 60068-2-27 sinusoidal half-wave 15g / 11 ms	product type designation	3SU1
number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional  elight source Yes	product line	Plastic, black, 22 mm
design of the actuating element principle of operation of the actuating element product extension optional  • light source • contact module  color of the actuating element material of the actuating element pastic shape of the actuating element pastic shape of the actuating element marking of the actuating element marking of the actuating element cuter diameter of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter  actuating angle clockwise shape of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter  actuating angle clockwise 45° shape of the front ring design of the front ring design of the front ring material of the front ring product component front ring color of the front ring plastic color of the front ring protection class IP degree of protection NEMA rating shock resistance shape of the source of the	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional  • light source • contact module color of the actuating element material of the actuating element puter diameter of the actuating element marking of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 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 degree of protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	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  plastic  shape of the actuating element  marking of the actuating element  number of switching positions  actuating angle • clockwise • anticlockwise • anticlockwise  product component 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  yellow  Yes  yellow	Actuator	
product extension optional    light source	design of the actuating element	Selector, short
ight source     contact module     Yes     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     customized labeling, text in lower case / capital letters, all lines start with capital letter      number of switching positions     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     plastic     color of the front ring     protection class IP     degree of protection NEMA rating     shock resistance     according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
ocntact 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     marking of the actuating element     customized labeling, text in lower case / capital letters, all lines start with capital letter      number of switching positions     actuating angle     clockwise     anticlockwise     anticlockwise     front ring     product component front ring     gesign of the front ring     material of the front ring     color of the front ring     plastic     color of the front ring     plastic     color of the front ring     plack  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	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  customized labeling, text in lower case / capital letters, all lines start with capital letter  number of switching positions actuating angle electory of anticlockwise anticlockwise anticlockwise 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 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 e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	• light source	Yes
material of the actuating element shape of the actuating element outer diameter of the actuating element  marking of the actuating element  Customized labeling, text in lower case / capital letters, all lines start with capital letter  number of switching positions actuating angle e clockwise anticlockwise front ring product component front ring design of the front ring material of the front ring color of the front ring glastic color of the front ring glastic color of the front ring protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	contact module	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element  Customized labeling, text in lower case / capital letters, all lines start with capital letter  number of switching positions  actuating angle	color of the actuating element	yellow
outer diameter of the actuating element  marking of the actuating element  Customized labeling, text in lower case / capital letters, all lines start with capital letter  number of switching positions  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  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	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  actuating angle  clockwise  anticlockwise  45°  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  lP66, IP67, IP69(IP69K)  degree of protection NEMA rating  sinusoidal half-wave 15g / 11 ms	shape of the actuating element	Handle
with capital letter  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  • according to IEC 60068-2-27  with capital letter  3  actuating angle  45°  45°  Yes  45°  Front ring  yes  standard  plastic  plastic  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	outer diameter of the actuating element	32.3 mm
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  protection class IP  degree of protection NEMA rating  sinusoidal half-wave 15g / 11 ms	marking of the actuating element	
<ul> <li>● clockwise</li> <li>● anticlockwise</li> <li>45°</li> <li>Front ring</li> <li>product component front ring</li> <li>design of the front ring</li> <li>material of the front ring</li> <li>plastic</li> <li>color of the front ring</li> <li>black</li> <li>General technical data</li> <li>protection class IP</li> <li>degree of protection NEMA rating</li> <li>shock resistance</li> <li>● according to IEC 60068-2-27</li> <li>sinusoidal half-wave 15g / 11 ms</li> </ul>	number of switching positions	3
● anticlockwise 45°  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	actuating angle	
product component front ring  design of the front ring  material of the front ring  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  yes  tandard  plastic  plasti	<ul><li>clockwise</li></ul>	45°
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  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	<ul> <li>anticlockwise</li> </ul>	45°
design of the front ring 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	Front ring	
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	product component front ring	Yes
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	design of the front ring	standard
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	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  sinusoidal half-wave 15g / 11 ms	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 sinusoidal half-wave 15g / 11 ms	General technical data	
shock resistance  • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	protection class IP	IP66, IP67, IP69(IP69K)
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
• for railway applications according to EN 61373 Category 1, Class B	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
, 11	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	vibration resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
• for railway applications according to EN 61373 Category 1, Class B	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching cycles) typical	1 000 000

reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
<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	32.3 mm
width	32.3 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	32.3 mm
installation depth	25.4 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=3SU1002-2BL30-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BL30-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BL30-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BL30-0AA0-Z Y10&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BL30-0AA0-Z Y10&lang=en</a>

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