## 3SU1002-2BM60-0AA0-Z Y15

## **Data sheet**



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product design of the actual type designation design of the actual gelement product extension optional   light source	product brand name	SIRIUS ACT	
design of the product product type designation product time Plastic, black, 22 mm  Plastic,	·		
product type designation 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 product extension optional  ilight source color of the actuating element material of the actuating element product extension optional  ilight source color of the actuating element passible shape of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element product component front ring design of the actuating element color of the actuating element plastic shape of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element product component front ring color of the front ring design of the front ring plastic color of the front ring plastic product component front ring design of the front ring plastic protection class IP product component front ring degree of protection NEMA rating protection class IP			
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number of switching positions actuating angle		32.3 mm	
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• clockwise     • anticlockwise     • anticlockwise     • anticlockwise  Front ring  product component front ring     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     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     • 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  1 000 000	number of switching positions	3	
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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  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	• clockwise	45°	
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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  1 000 000	General technical data		
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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 1 000 000	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
	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>1 800 1/h</li> <li>mechanical service life (operating cycles) typical</li> <li>1 000 000</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 (operating cycles) typical  1 000 000	vibration resistance		
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g	
mechanical service life (operating cycles) typical 1 000 000	<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 (operating 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	

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=3SU1002-2BM60-0AA0-Z Y15

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1002-2BM60-0AA0-Z\ Y15}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BM60-0AA0-Z Y15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BM60-0AA0-Z Y15&lang=en

last modified:	1/26/2022 🖸
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