## SIEMENS

## Data sheet

## 3SU1002-2CF60-0AA0-Z Y19



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, long, 2 switch positions O-I, latching, actuating angle  $90^{\circ}$ , 10:30h/13:30h, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name         SIRIUS ACT           product designation         Selector switches           design of the product         Actualing/signaling element           product line         Plastic, black, 22 mm           enclosure         mumber of command points           Actuator         design of the actuating element           principle of operation of the actuating element         selector, long           principle of operation of the actuating element         latching/s00" (10.30 h/13:30 h)           principle of operation of the actuating element         yes           • contact module         Yes           • contact module         Yes           octating element         while           material of the actuating element         Handle           outer diameter of the actuating element         Any inscription, text or symbol, can only be ordered via SIRIUS ACT           ordigurator/Configuration Identification Number (CIN)         actuating angle           • clockwise         90°           Front ring         plastic           product component front ring         ylastic           design of the front ring         black           degree of protection NEMA rating         1, 2, 3, SR, 4 AX, 12, 13           shock resistance         sinusoidal half-wave 15g / 11 ms	•		
design of the product         Actuating/signaling element           product type designation         3SU1           product line         Plastic, black, 22 mm           Enclosuro         1           Actuator         design of the actuating element           principle of operation of the actuating element         selector, long           principle of operation of the actuating element         latching, 90° (10:30 h/13:30 h)           product extension optional         ves           • contact module         Yes           color of the actuating element         plastic           shape of the actuating element         plastic           shape of the actuating element         Advise           material of the actuating element         44.8 mm           marking of the actuating element         Advise           marking of the actuating element         Advise           • clockwise         90°           Front ring         standard           product component front ring         Yes           eclockwise         90°           Front ring         plastic           plastic         black           General technical data         IP66, IP67, IP69(IP69K)           design of the front ring         black           General	product brand name	SIRIUS ACT	
product type designation         3SU1           product line         Plastic, black, 22 mm           Enclosure         number of command points         1           Actuator         design of the actuating element         selector, long           principle of operation of the actuating element         latching, 90° (10:30 h/13:30 h)         product extension optional           • light source         Yes         contact module         Yes           color of the actuating element         plastic         shape of the actuating element           material of the actuating element         Handle         outer diameter 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         2         actuating angle         outer diameter of the actuating element           • clockwise         90°         front ring         plastic         plastic           product component front ring         plastic         plastic         clockwise           product component front ring         plastic         plastic         color of the front ring           plastic         clockwise         1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance           • according to IEC 60068-2-27	product designation	Selector switches	
product line         Plastic, black, 22 mm           Enclosure         number of command points         1           Actuator         design of the actuating element         Istching, 90° (10:30 h/13:30 h)           principle of operation of the actuating element         Istching, 90° (10:30 h/13:30 h)           product extension optional         Yes           • light source         Yes           • contact module         Yes           color of the actuating element         plastic           shape of the actuating element         plastic           shape of the actuating element         Handle           outer diameter of the actuating element         A4.8 mm           marking of the actuating element         A1 inscription, text or symbol, can only be ordered via SIRUS ACT configuration Identification Number (CIN)           number of switching positions         2           actuating angle         90°           • clockwise         90°           Front ring         plastic           product component front ring         Yes           design of the front ring         plastic           color of the front ring         plastic           protection class IP         IP66, IP67, IP69(IP69K)           degree of protection NEMA rating         1, 2, 3, 3R, 4, 4X, 12, 13 <tr< th=""><th>design of the product</th><th>Actuating/signaling element</th></tr<>	design of the product	Actuating/signaling element	
Enclosure         1           Actuator         design of the actuating element         selector, long           principle of operation of the actuating element         latching, 90° (10:30 h/13:30 h)           product extension optional         e.ontact module         Yes           e.ontact module         Yes         e.ontact module           otor of the actuating element         plastic         selector, long listic           outer diameter of the actuating element         plastic         selector, long listic           outer diameter of the actuating element         Handle         outer diameter of the actuating element           outer diameter of the actuating element         Ary inscription, text or symbol, can only be ordered via SIRUS ACT           number of switching positions         2         actuating angle           e clockwise         90°         Front ring           product component front ring         yes         standard           design of the front ring         glastic         glastic           color of the front ring         plastic         glastic           color of the front ring         black         glastic           design of the front ring         lack         glastic           color of the front ring         lack         glastic           otor of the front	product type designation	3SU1	
number of command points       1         Actuator       design of the actuating element       selector, long         principle of operation of the actuating element       latching, 90° (10:30 h/13:30 h)         product extension optional       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       44.8 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRUS ACT configuration Identification Number (CIN)         number of switching positions       2         actuating angle       90°         • clockwise       90°         front ring       Yes         design of the front ring       plastic         color of the front ring       plastic         color of the front ring       plastic         color of the front ring       plastic         general technical data       protection class IP         of ror railway applications according to EN 61373       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to EC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applica	product line	Plastic, black, 22 mm	
Actuator       design of the actuating element       selector, long         principle of operation of the actuating element       latching, 90° (10:30 h/13:30 h)         product extension optional       ight source         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         shape of the actuating element       Handle         outer diameter of the actuating element       A4.8 mm         marking of the actuating element       Ays         actuating angle       elockwise         e clockwise       90°         Front ring       Yes         gesign of the front ring       yes         design of the front ring       plastic         color of the front ring       plastic         color of the front ring       black         General technical data       indexi and and         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms	Enclosure		
design of the actuating element       selector, long         principle of operation of the actuating element       latching, 90° (10:30 h/13:30 h)         product extension optional	number of command points	1	
principle of operation of the actuating element       Iatching, 90° (10:30 h/13:30 h)         product extension optional       Yes         • light source       Yes         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         outer diameter of the actuating element       44.8 mm         marking 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         • clockwise       90°         Front ring       standard         material of the front ring       plastic         color of the front ring       plastic         color of the front ring       black         General technical data       protection class IP         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       • according to IEC 60068-2-65       10 500 Hz: 5g         • for railway applicati	Actuator		
product extension optional       Yes         • 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       44.8 mm         marking of the actuating element       A4.8 mm         marking of the actuating element       A4.8 mm         marking of the actuating element       A4.8 mm         marking of the actuating element       Configurator/Configuration Identification Number (CIN)         number of switching positions       2         actuating angle       90°         • clockwise       90°         Product component front ring       Yes         design of the front ring       plastic         color of the front ring       black         General technical data       protection class IP         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Ca	design of the actuating element	selector, long	
• 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       Handle         outer diameter of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configurator/Instruction Number (CIN)         number of switching positions       2         actuating angle       90°         • clockwise       90°         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 REMA rating         protection REMA rating       1, 2, 3, 3, R, 4, 4X, 12, 13         shock resistance       according to IEC 60068-2-27         • according to IEC 60068-2-6       10 500 Hz: 5g         • 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	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)	
• 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         44.8 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         • clockwise           • clockwise         90°           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           • for railway applications according to EN 61373         Category 1, Class B </th <th>product extension optional</th> <th></th>	product extension optional		
color of the actuating element       white         material of the actuating element       plastic         shape of the actuating element       Handle         outer diameter of the actuating element       44.8 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator ldentification Number (CIN)         number of switching positions       2         actuating angle       90°         • clockwise       90°         Front ring       Yes         design of the 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       plastic         general technical data       IP66, IP67, IP69(IP69K)         general technical data       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       •       10 500 Hz: 5g         • for railway applications according to EN 61373	<ul> <li>light source</li> </ul>	Yes	
material of the actuating element         plastic           shape of the actuating element         Handle           outer diameter of the actuating element         44.8 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         90°           Front ring         90°           product component front ring         Yes           design of the front ring         plastic           color of the front ring         plastic           color of the front ring         plastic           color of the front ring         plastic           general technical data         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         sinusoidal half-wave 15g / 11 ms           e for railway applications according to EN 61373         Category 1, Class B           vibration resistance         10 500 Hz: 5g           e for railway applications according to EN 61373         Category 1, Class B           operating frequency maximum         1 800 1/h           mechanical service life (switching	contact module	Yes	
shape of the actuating element       Handle         outer diameter of the actuating element       44.8 mm         marking 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       90°         • clockwise       90°         Front ring       Yes         gesign of the front ring       standard         material of the front ring       plastic         color of the front ring       black         General technical data       protection NEMA rating         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       operating frequency maximum         • for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1 800 1/h	color of the actuating element	white	
outer diameter of the actuating element         44.8 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         90°           • clockwise         90°           Front ring         Yes           design of the front ring         standard           material of the front ring         plastic           color of the front ring         black           General technical data         IP66, IP67, IP69(IP69K)           protection class IP         IP66, IP67, IP69(IP69K)           degree of protection NEMA rating         1, 2, 3, 3R, 4, 4X, 12, 13           shock resistance         sinusoidal half-wave 15g / 11 ms           • 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         0           • 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         1 000 000	material of the actuating element	plastic	
marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration Number (CIN)         number of switching positions       2         actuating angle       90°         • clockwise       90°         Front ring       Yes         design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         General technical data       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       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       1 000 000	shape of the actuating element	Handle	
configuration Identification Number (CIN)         number of switching positions       2         actuating angle       90°         e clockwise       90°         Front ring       Yes         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       IP66, IP67, IP69(IP69K)         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         e for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         e for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1 800 1/h         mechanical service life (switching cycles) typical       1 000 000	outer diameter of the actuating element	44.8 mm	
actuating angle       90°         Front ring       90°         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         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • 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       in 500 Hz: 5g         • 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       1 000 000	marking of the actuating element		
• clockwise       90°         Front ring       product component front ring         gesign of the front ring       standard         material of the front ring       plastic         color of the front ring       black         General technical data       protection class IP         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • 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       1 000 000	number of switching positions	2	
Front ring       Yes         gesign of the front ring       standard         material of the front ring       plastic         color of the front ring       black         General technical data       protection class IP         protection class IP       IP66, IP67, IP69(IP69K)         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • 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       in 500 Hz: 5g         • 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       1 000 000	actuating angle		
product component front ringYesdesign of the front ringstandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	clockwise	90°	
design of the front ringstandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	Front ring		
material of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	product component front ring	Yes	
color of the front ringblackGeneral technical dataIP66, IP67, IP69(IP69K)protection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceaccording to IEC 60068-2-27• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceaccording to IEC 60068-2-6• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	design of the front ring	standard	
General technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceinusoidal to EN 61373• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	material of the front ring	plastic	
protection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	color of the front ring	black	
degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	General technical data		
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 (switching cycles) typical	protection class IP	IP66, IP67, IP69(IP69K)	
<ul> <li>according to IEC 60068-2-27</li> <li>sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>vibration resistance         <ul> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul> </li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>1 000 000</li> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
for railway applications according to EN 61373     Category 1, Class B     vibration resistance         e according to IEC 60068-2-6         for railway applications according to EN 61373         Category 1, Class B         operating frequency maximum         10 500 Hz: 5g         operating frequency maximum         1 800 1/h         mechanical service life (switching cycles) typical         1 000 000	shock resistance		
vibration resistance       10 500 Hz: 5g         • 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       1 000 000	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
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 1 000 000	<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     1 000 000	vibration resistance		
operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
mechanical service life (switching 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 S	mechanical service life (switching cycles) typical	1 000 000	
	reference code according to IEC 81346-2	S	

Out-to-to-to-thild to a contract	40/04/0044
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	100 000
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
<ul> <li>during storage</li> </ul>	-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	44.8 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	44.8 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=3SU1002-2CF60-0AA0-Z Y19 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2CF60-0AA0-Z Y19	
Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-	

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2CF60-0AA0-Z Y19&lang=en

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