## SIEMENS

## Data sheet

## 3SU1031-0AA60-0AA0-Z Y13



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, white, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product brand name         SIRUS ACT           product designation         Illuminated pushuttons           design of the product         Actuating/signaling element           product type designation         3SU1           product line         Plastic with metal front ring, matt, 22 mm           Enclosure         1           Actuator         design of the actuating element           product extension optional         Flat button           elight source         Yes           • color of the actuating element         yes           color of the actuating element         white           material of the actuating element         white           material of the actuating element         yes for actuating element           outer diameter of the actuating element         20 S form           marking of the actuating element         20 S form           marking of the fort ring         Sandard           product component front ring         Yes           design of the fort ring         Sandard           material of the fort ring         Sandard           material of the fort ring         Sandard           general tochnical data         protection class IP           productions according to ENG482-227         sinusoidal half-wave 15g / 11 ms			
design of the product       Actuating/signaling element         product type designation       3SU1         product line       Plastic with metal front ring, matt, 22 mm         Enclosure       1         Actuator       design of the actuating element         product inso optional       Iatching         outget of the actuating element       Flat button         product extension optional       Ves         • light source       Yes         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         shape of the actuating element       cound         out diameter of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         product component front ring       Standard         degree of protection NEMA rataing       1, 2, 3, 3R, 4, 4X, 12, 13	product brand name	SIRIUS ACT	
product type designation         3SU1           product line         Plastic with metal front ring, matt, 22 mm           Enclosure         number of command points         1           Actuator         Itation         Itation           design of the actuating element         Flat button         principle of operation of the actuating element           principle of operation of the actuating element         Itating         Itating           product extension optional         Itating         Itating           e light source         Yes         Color of the actuating element         plastic           shape of the actuating element         plastic         round         outer diameter of the actuating element           outer diameter of the actuating element         Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device           product component front ring         Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device           product component front ring         Standard         material of the front ring         General tochnical symbols acc. to ISO7000 and IEC60417           type of unlocking device         push-to-unlatch mechanism         Front ring         General tochnical state           product component front ring         Standard         mattial of the front ring         Genereal prot	product designation	Illuminated pushbuttons	
product line         Plastic with metal front ring, matt, 22 mm           Enclosure         number of command points         1           Actuator         flat button         I           design of the actuating element         Flat button         I           principle of operation of the actuating element         Flat button         I           product extension optional         Yes         Color of the actuating element         Ves           • color of the actuating element         yes         Color of the actuating element         plastic           outer diameter of the actuating element         z0.5 mm         material of the actuating element         29.5 mm           marking of the actuating element         29.5 mm         Customized labeling, graphical symbols acc. to ISO7000 and IEC60417           type of unlocking device         push-to-unlatch mechanism         Front ring         Front ring           product component front ring         Yes         Standard         Metal, matt           color of the front ring         Standard         Standard         Metal, matt           color of the front ring         Standard         Standard         Standard           material of the front ring         Standard         Standard         Standard           protection class IP         IP66, IP67, IP69(IP69K)		Actuating/signaling element	
Enclosure       1         Actuator       design of the actuating element       Flat button         principle of operation of the actuating element       latching         product extension optional       italthing         • light source       Yes         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         outer diameter of the actuating element       29.5 mm         outer diameter of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         gesign of the front ring       Standard         material of the front ring       Standard         gesign of the front ring       Standard         gesign of the front ring       Yes         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 rallway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1 800 1/h      <	product type designation	3SU1	
number of command points       1         Actuator       Flat button         design of the actuating element       Flat button         principle of operation of the actuating element       latching         product extension optional       Yes         • light source       Yes         • contact module       Yes         color of the actuating element       while         material of the actuating element       plastic         shape of the actuating element       20.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Standard         general technical data       material of the front ring         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       inusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-6       10 500 Hz: 5g         • or railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1800 1/h         meterice code according to IEC 81348-2       S	product line	Plastic with metal front ring, matt, 22 mm	
Actuator       Flat button         design of the actuating element       Flat button         product extension optional       Iatching         • light source       Yes         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         shape of the actuating element       cound         outer diameter of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         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       10500 Hz; 5g         • for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1800 1/h         mechanical service life (switching cycles) typical       500 000 <th>Enclosure</th> <th></th>	Enclosure		
design of the actuating element       Flat button         principle of operation of the actuating element       latching         ight source       Yes         • contact module       Yes         color of the actuating element       white         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         material of the front ring       Standard         material of the front ring       sand gray         General tachnical 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         operating frequency maximum       1 800 1/h         mechanical service life (switching cycles) typical	number of command points	1	
principle of operation of the actuating element       latching         product extension optional       Yes         • contact module       Yes         color of the actuating element       white         material of the actuating element       plastic         shape of the actuating element       plastic         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         gdesign of the front ring       Standard         material of the front ring       Metal, matt         color 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       according to IEC 60068-2-27         • 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         vibration resistance       500 000         • according to IEC 60068-2-6       10 50	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       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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       eaccording to IEC 60068-2-27         e for railway applications according to EN 61373       Category 1, Class B         vibration resistance       io cording to IEC 60068-2-6         e according to IEC 60068-2-6       10 500 Hz: 5g         e for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1 800	design of the actuating element	Flat button	
• light source       Yes         • contact module       Yes         • contact module       Yes         color of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         material of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       protection NEMA rating         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         vibration resistance       500 000         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B <td>principle of operation of the actuating element</td> <td>latching</td>	principle of operation of the actuating element	latching	
• contact module       Yes         color of the actuating element       white         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       protection NEMA rating         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-6       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         vibration resistance       sout 180 1/h         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	product extension optional		
color of the actuating element       white         material of the actuating element       plastic         shape of the actuating element       29.5 mm         outer diameter of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         color of the front ring       Standard         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       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1800 1/h         mechanical service life (switching cycles) typical       500 000     <	light source	Yes	
material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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 tor railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       1 800 1/h         mechanical service life (switching cycles) typical       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014	contact module	Yes	
shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring          product component front ring       Yes         design of the front ring       Standard         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       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         vibration resistance       1800 1/h         mechanical service life (switching cycles) typical       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date) <td>color of the actuating element</td> <td>white</td>	color of the actuating element	white	
outer diameter of the actuating element     29.5 mm       marking of the actuating element     Customized labeling, graphical symbols acc. to ISO7000 and IEC60417       type of unlocking device     push-to-unlatch mechanism       Front ring     Yes       design of the front ring     Standard       material of the front ring     Metal, matt       color of the front ring     sand gray       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     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     500 000       reference code according to IEC 81346-2     S       Substance Prohibitance (Date)     10/01/2014	material of the actuating element	plastic	
marking of the actuating element       Customized labeling, graphical symbols acc. to ISO7000 and IEC60417         type of unlocking device       push-to-unlatch mechanism         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       Standard         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       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       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014	shape of the actuating element	round	
type of unlocking devicepush-to-unlatch mechanismFront ringyesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataProtection class IPprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditions1	outer diameter of the actuating element	29.5 mm	
Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         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       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014         Ambient conditions       10/01/2014	marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417	
product component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPprotection 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 resistance10 500 Hz: 5g• 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014	type of unlocking device	push-to-unlatch mechanism	
Product of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataProtection class IPprotection class IPIP66, IP67, IP69(IP69K)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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014	Front ring		
material of the front ringMetal, mattcolor of the front ringsand grayGeneral 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 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditions	product component front ring	Yes	
color of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)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 resistance10 500 Hz: 5g• 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014	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 resistanceinuscidal 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 resistanceinuscidal half-wave 15g / 11 ms• 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014	material of the front ring	Metal, matt	
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 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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditions	color of the front ring	sand gray	
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) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditions	General technical data		
shock resistance       inusoidal 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       inusoidal 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       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014	protection class IP	IP66, IP67, IP69(IP69K)	
e 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         e 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         500 000     reference code according to IEC 81346-2         S         Substance Prohibitance (Date)         10/01/2014	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         -           • 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         500 000           reference code according to IEC 81346-2         S           Substance Prohibitance (Date)         10/01/2014	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       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014	<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     500 000     reference code according to IEC 81346-2     S     Substance Prohibitance (Date)     10/01/2014  Ambient conditions	<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         500 000           reference code according to IEC 81346-2         S           Substance Prohibitance (Date)         10/01/2014	vibration resistance		
operating frequency maximum       1 800 1/h         mechanical service life (switching cycles) typical       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014         Ambient conditions       10/01/2014	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
mechanical service life (switching cycles) typical       500 000         reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014         Ambient conditions	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
reference code according to IEC 81346-2       S         Substance Prohibitance (Date)       10/01/2014         Ambient conditions       10/01/2014	operating frequency maximum	1 800 1/h	
Substance Prohibitance (Date)         10/01/2014           Ambient conditions         10/01/2014	mechanical service life (switching cycles) typical	500 000	
Ambient conditions	reference code according to IEC 81346-2	S	
		10/01/2014	
ambient temperature	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	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	11 mm
installation width	29.5 mm
installation depth	24.3 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=3SU1031-0AA60-0AA0-Z Y13

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AA60-0AA0-Z Y13

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AA60-0AA0-Z Y13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1031-0AA60-0AA0-Z Y13&lang=en

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