SIEMENS

Data sheet

3SU1030-3AB66-0AA0-Z Y15



Twin pushbutton, 22 mm, round, plastic with metal front ring, white, white, Pushbuttons, flat, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation Twin pushbuttons design of the product Actuating/signating element product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosure Inamber of command points Actuator Inamber of command points Actuator Flat buttons product design of the actuating element Flat buttons product design of the actuating element momentary contact type product design of the actuating element while / white product design of the actuating element plastic olor of the actuating element plastic shape of the actuating element customized labeling, text in lower case / capital letters, all words start writh capital letters Front ring product component front ring Yes design of the front ring Standard general tochnical 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 • tor raiway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g	product brand name	SIRIUS ACT
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 principle of operation of the actuating element Flat buttons principle of operation of the actuating element momentary contact type product extension optional • • light source No • contact module Yes color of the actuating element while / white material of the actuating element oval color of the actuating element oval general technical data oval product component front ring Yes design of the fornt ring Standard material of the front ring standard general technical data protection class IP protection class IP IP66, IP67, IP69,IIP69K) 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		
product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator 1 Actuator Flat buttons principle of operation of the actuating element Flat buttons product extension optional • • light source No • contact module Yes color of the actuating element plastic shape of the actuating element oval marking of the actuating element oval product component front ring Yes design of the front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Standard marking of the actuating element oval product component front ring Metal, matt color of the front ring Standard material 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 EC 60068-2-27 • for railway a		•
product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element design of the actuating element Flat buttons product extension optional iight source e light source No e contact module Yes color of the actuating element phile / white material of the actuating element pastic shape of the actuating element coval marking of the actuating element coval product component front ring Yes gero of the front ring Standard material 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 eacording to IEC 60068-2-87 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 Category 1, Class B 10500 Hz: 5g operating frequency maximum 3 600 1/h		
Enclosure 1 Actuator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional No • light source No • contact module Yes color of the actuating element while / while marking of the actuating element pastic shape of the actuating element oval marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters Product component front ring general tochnical data Profection NEMA rating protection NEMA rating 1, 2, 3, 3R, 4, X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms category 1, Class B 10 500 Hz: 5g operating to IEC 60068-2-6 10 500 Hz: 5g of for railway applications according to EN 61373 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014		
number of command points 1 Actuator Image: Command points Actuator Flat buttons principle of operation of the actuating element momentary contact type product extension optional No • contact module Yes color of the actuating element plastic shape of the actuating element oval marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Yes design of the front ring Yes design of the front ring Standard material of the front ring Standard general technical data protection Class IP 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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to EC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions 10/01/2014 <	•	
Actuator design of the actuating element Flat buttons principle of operation of the actuating element momentary contact type product extension optional • • light source No • contact module Yes color of the actuating element white / white material of the actuating element oval customized labeling, text in lower case / capital letters, all words start with capital letters material of the actuating element oval marking of the actuating element oval product component front ring Yes design of the front ring Metal, matt color 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) 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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to EX 8136-		1
design of the actuating element Flat buttons principle of operation of the actuating element momentary contact type product extension optional No • light source No • contact module Yes color of the actuating element plastic shape of the actuating element oval marking of the actuating element oval product component 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 isuusoidal half-wave 15g / 11 ms • according to IEC 60068-2-8 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B vibration resistance 0 • according to IEC 60068-2-8 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	-	
principle of operation of the actuating element momentary contact type product extension optional No • light source No • contact module Yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element oval marking of the actuating element Customized labeling, text in lower case / capital letters, all words start product component front ring Yes genoral technical data Metal, matt 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 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 61068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h		Elat huttons
product extension optional No • light source No • contact module Yes color of the actuating element white / white material of the actuating element plastic shape of the actuating element oval marking of the actuating element oval marking of the actuating element oval product component front ring Yes product component front ring Yes design of the front ring Standard material of the front ring Standard 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 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 operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substanc		
• light source No • contact module Yes color of the actuating element white / white material of the actuating element oval marking of the actuating element oval marking of the actuating element oval product component front ring Customized labeling, text in lower case / capital letters, all words start with capital letters 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 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 according to EC 60068-2-6 10 500 Hz; 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to EC 81346-2 S Substance Prohibitance (Date) 10/01/2014 </th <th></th> <th>momentary contact type</th>		momentary contact type
• contact module Yes color of the actuating element white / white material of the actuating element oval shape of the actuating element oval marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Yes gesign of the front ring Standard material of the front ring Standard material of the front ring Standard general technical data IP66, IP67, IP69(IP69K) gegre of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance isuusoidal 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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014		No
color of the actuating element white / white material of the actuating element oval marking of the actuating element oval marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Yes gesign of the front ring Standard material 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 • 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 operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date)	0	
material of the actuating element plastic shape of the actuating element oval marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Yes design of the front ring Standard material of the front ring Metal, matt 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 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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature		
shape of the actuating element oval marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters Front ring Product component front ring material 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 • 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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature		
marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters 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 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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014		
with capital letters 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		
product component front ringYesdesign of the front ringStandardmaterial 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 resistance10 500 Hz: 5g• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum3 600 1/hmechanical service life (switching cycles) typical2 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient temperatureambient temperature		
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 according to IEC 60068-2-27 e according to IEC 60068-2-27 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 according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	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 Boperating frequency maximum3 600 1/hmechanical service life (switching cycles) typical2 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient temperatureand on an	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 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 category 1, Class B• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum3 600 1/hmechanical service life (switching cycles) typical2 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditionsambient temperature	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 isinusoidal 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 isinusoidal 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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	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 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 maximum3 600 1/hmechanical service life (switching cycles) typical2 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditionsambient temperature	color of the front ring	sand gray
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 maximum3 600 1/hmechanical service life (switching cycles) typical2 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditionsambient temperature	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 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions	protection class IP	IP66, IP67, IP69(IP69K)
 according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 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 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum a 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions 	shock resistance	
vibration resistance i • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	 according to IEC 60068-2-27 	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 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	 for railway applications according to EN 61373 	Category 1, Class B
for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	vibration resistance	
operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	 according to IEC 60068-2-6 	10 500 Hz: 5g
mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	operating frequency maximum	3 600 1/h
Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	mechanical service life (switching cycles) typical	2 000 000
Ambient conditions ambient temperature		S
ambient temperature	Substance Prohibitance (Date)	10/01/2014
	Ambient conditions	
• during operation -25 +70 °C	ambient temperature	
	 during operation 	-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	57.9 mm
width	29.9 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	14.4 mm
installation width	29.9 mm
installation depth	25.7 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=3SU1030-3AB66-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-3AB66-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-3AB66-0AA0-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=3SU1030-3AB66-0AA0-Z Y15&lang=en

last modified:

1/26/2022 🖸