## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, plastic with metal front ring, gray, pushbutton, flat momentary contact type, with laser labeling, upper case and lower case, always upper case at beginning of line

Inumber of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional    light source   No   No	product brand name	SIRIUS ACT
product type designation product tine Plastic with metal front ring, matt, 22 mm Enclosure number of command points  design of the actuating element product extension optional illight source contact module color of the actuating element product extension optional illight source contact module color of the actuating element plastic shape of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element product component front ring product component front ring product component front ring standard material of the front ring Metal, matt color of the front ring material of the front ring Metal, matt color of the front ring material of the front ring material of the front ring Metal, matt color of the front ring material of the front ring Color of the front ring Metal, matt color of the front ring degree of protection NEMA rating in a color of the front ring Color of the front	product designation	Pushbuttons
product line Plastic with metal front ring, matt, 22 mm  Enclosure  Inumber of command points 1  Actuator  design of the actuating element principle of operation of the actuating element momentary contact type  Product extension optional  Inight source No contact module Yes  color of the actuating element gray  shape of the actuating element plastic  shape of the actuating element plastic  shape of the actuating element count diameter of the actuating element ground  shape of the actuating element plastic  yes marking of the actuating element plastic  product component front ring  yes marking of the actuating element plastic  yes marking of the actuating e	design of the product	Actuating/signaling element
number of command points 1  design of the actuating element product extension optional eligible source No	product type designation	3SU1
number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional  • light source No	product line	Plastic with metal front ring, matt, 22 mm
design of the actuating element principle of operation of the actuating element momentary contact type  **Contact module Personal Plastic  **Shape of the actuating element pround  **Tound  **Outer diameter of the actuating element pround  **Tound  **Outer diameter of the actuating element product component front ring product component front ring product component front ring protection class IP protection class IP  **General technical data**  **protection class IP   IP66, IP67, IP69(IP68K)    **degree of protection NEMA rating should be Element protection to class IP   IP66, IP67, IP69(IP68K)    **degree of protection NEMA rating should be Element protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection NEMA rating should be Element protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection NEMA rating protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP   IP66, IP67, IP69(IP68K)    **degree of protection to lass IP6, IP67, IP69(IP68K)    **degree of protection to lass IP66, IP67, IP69(IP68K)    **degree of protection to lass IP66, IP67, IP69(IP68K)    **degree of protection to lass I	Enclosure	
design of the actuating element principle of operation of the actuating element momentary contact type  product extension optional elight source contact module yes contact module yes color of the actuating element gray 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, text in lower case / capital letters, all lines start with capital letter  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  Concrat technical data  Protection class IP 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 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  ambient conditions  mblent conditions  melinet conditions  melinet conditions  momentary contact type yes yes yes yes yes yes yes yes yes ye	number of command points	1
principle of operation of the actuating element product extension optional  • light source • contact module  color of the actuating element gray material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element couter diameter of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter  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 General technical data  protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  ambient conditions  ambient temperature	Actuator	
product extension optional    light source   No	design of the actuating element	Flat button
e light source e contact module Color of the actuating element gray material of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element contact individual element outer diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter  Front ring  Product component front ring Yes design of the front ring Metal, matt color of the front ring sand gray  General technical data  protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance e according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms category 1, Class B  vibration resistance e according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  ambient conditions  ambient temperature	principle of operation of the actuating element	momentary contact type
e contact module  yes  color of the actuating element gray  material of the actuating element marking of the actuating element marking of the actuating element  product component front ring  round  Customized labeling, text in lower case / capital letters, all lines start with capital letter  Front ring  product component front ring Standard material of the front ring Metal, matt color of the front ring sand gray  General technical data  protection class IP  degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms c 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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date)  ambient conditions  ambient temperature	product extension optional	
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element capital letter  Customized labeling, text in lower case / capital letters, all lines start with capital letter  Front ring  Product component front ring design of the front ring Metal, matt color of the front ring sand gray  General technical data  Protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373  Operating to IEC 60068-2-6 of or railway applications according to EN 61373  Category 1, Class B  Vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373  Category 1, Class B  Operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Modulation  Involve Ambient conditions  ambient temperature	• light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter  Front ring  product component front ring design of the front ring Metal, matt color of the front ring sand gray  General technical data  protection class IP lP66, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B  vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  ambient conditions  ambient temperature	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, text in lower case / capital letters, all lines start with capital letter  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	color of the actuating element	gray
outer diameter of the actuating element  marking of the actuating element  Customized labeling, text in lower case / capital letters, all lines start with capital letter  Front ring  product component front ring  design of the front ring  Metal, matt  color of the front ring  sand gray  General technical data  protection class IP  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  for railway applications according to EN 61373  Category 1, Class B  vibration resistance  for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  3 600 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	material of the actuating element	plastic
marking of the actuating element  Customized labeling, text in lower case / capital letters, all lines start with capital letter  Pront ring  product component front ring  design of the front ring  Standard  Metal, matt  color of the front ring  sand gray  General technical data  protection class IP  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  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 (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	shape of the actuating element	round
capital letter  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  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 (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014	outer diameter of the actuating element	29.5 mm
product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  sand gray  General technical data  protection class IP  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27 • for railway applications according to EN 61373  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 (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	marking of the actuating element	
design of the front ring  material of the front ring  material of the front ring  color of the front ring  general technical data  protection class IP  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  for railway applications according to EN 61373  category 1, Class B  vibration resistance  for railway applications according to EN 61373  category 1, Class B  category 1, Class B  category 1, Class B  category 1, Class B  operating frequency maximum  3 600 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  ambient temperature	Front ring	
material 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  • 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 (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature	product component front ring	Yes
color of the front ring  General technical data  protection class IP  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • according to IEC 60068-2-27  • for railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  3 600 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  Substance Prohibitance (Date)  10/01/2014  Ambient conditions  ambient temperature	design 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 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 (operating cycles) typical 10 000 000  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 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 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 (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature	color of the front ring	sand gray
degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • according to IEC 60068-2-27  • for railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  Category 1, Class B  operating frequency maximum  3 600 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	General technical data	<u> </u>
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 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 (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature	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     for railway applications according to EN 61373     Category 1, Class B  operating frequency maximum     3 600 1/h  mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Ambient conditions  ambient temperature	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     3 600 1/h  mechanical service life (operating cycles) typical     10 000 000  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	shock resistance	
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 (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
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 (operating cycles) typical     10 000 000  reference code according to IEC 81346-2     Substance Prohibitance (Date)  Ambient conditions  ambient temperature	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
• for railway applications according to EN 61373     Operating frequency maximum     3 600 1/h     mechanical service life (operating cycles) typical     reference code according to IEC 81346-2     Substance Prohibitance (Date)     10/01/2014  Ambient conditions  ambient temperature	vibration resistance	
operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 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 (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature	<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 ambient temperature	operating frequency maximum	3 600 1/h
Substance Prohibitance (Date)  Ambient conditions  ambient temperature	mechanical service life (operating cycles) typical	10 000 000
Ambient conditions ambient temperature	reference code according to IEC 81346-2	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	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	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-0AB80-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0AB80-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0AB80-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-0AB80-0AA0-Z Y10&lang=en

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