## **SIEMENS**

## **Data sheet**



Pushbutton, 22 mm, round, metal, shiny, white, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, lower case

product designation design of the product Actuating/signaling element product type designation product line Metal, shiny, 22 mm  Head, shiny, 22 m	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm  Enclosure  number of command points  1  Actuator  design of the actuating element principle of operation of the actuating element product extension optional  • light source • contact module  Color of the actuating element material of the actuating element outer diameter of the actuating element unter diameter of the actuating element couter diameter of the actuating element cuter diameter of the actuating element element cuter diameter diameter diate of the actua	product designation	Pushbuttons
product line  Metal, shiny, 22 mm  Enclosure  number of command points  Actuator  design of the actuating element   Flat button   principle of operation of the actuating element   latching   product extension optional  • light source   No   • contact module   Yes   color 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 letters   type of unlocking device   push-to-unlatch mechanism   Front ring   product component front ring   Standard   material of the front ring   Silver   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   • acc. to IEC 60068-2-6   10 500 Hz: 5g   operating frequency maximum   1 800 1/h   mechanical service life (switching cycles) typical   500 000   reference code acc. to IEC 81346-2   S	design of the product	Actuating/signaling element
Enclosure  number of command points  Actuator  design of the actuating element principle of operation of the actuating element   Plat button   Product extension optional   Product extension	product type designation	3SU1
number of command points 1  Actuator  design of the actuating element   Flat button   principle of operation of the actuating element	product line	Metal, shiny, 22 mm
Actuator  design of the actuating element principle of operation of the actuating element product extension optional  • light source No  • 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 Customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  Front ring Product component front ring Standard Metal, high gloss color of the front ring Standard Metal, high gloss color of the front ring Silver  General technical data protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 S  Ambient conditions	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional  • light source • contact module  color of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring material of the front ring silver  General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 solution of the conditions  Find the protection fine of the conditions  Find the protection of the condition of the condition of the conditions  Find the protection of the condition of the condition of the conditions  Find the protection of the condition of the conditions  Find the protection of the condition of	number of command points	1
principle of operation of the actuating element product extension optional  ilight source contact module color of the actuating element material of the actuating element white material of the actuating element outer diameter of the actuating element customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  product component front ring design of the front ring material of the front ring material of the front ring color of the front ring material of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 sinusoidal half-wave 50g / 11 ms  sinusoidal half-wave 50g / 11 ms  vibration resistance acc. to IEC 60068-2-6 perating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 Ambient conditions	Actuator	
product extension optional    Iight source   No	design of the actuating element	Flat button
● contact module Color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring material of the front ring color of the front ring silver  General technical data protection class IP degree of protection NEMA rating shock resistance ● acc. to IEC 60068-2-6  operating frequency maximum mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	principle of operation of the actuating element	latching
color of the actuating element     white     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 letters     type of unlocking device     push-to-unlatch mechanism  Front ring  product component front ring     design of the front ring     material of the front ring     material of the front ring     silver  General technical data  protection class IP     degree of protection NEMA rating     shock resistance     acc. to IEC 60068-2-27     Sinusoidal half-wave 50g / 11 ms  vibration resistance     acc. to IEC 60068-2-6     operating frequency maximum     mechanical service life (switching cycles) typical     reference code acc. to IEC 81346-2  Ambient conditions	product extension optional	
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element customized labeling, text in lower case letters type of unlocking device product component front ring product component front ring design of the front ring material of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 Ambient conditions	• light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring material of the front ring silver  General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 vibration resistance • acc. to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	contact module	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring material of the front ring sliver  General technical data protection class IP degree of protection NEMA rating shock resistance	color of the actuating element	white
outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case letters type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring Metal, high gloss color of the front ring Silver  General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms  vibration resistance acc. to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	material of the actuating element	plastic
marking of the actuating element type of unlocking device push-to-unlatch mechanism  Front ring product component front ring design of the front ring material of the front ring Standard Metal, high gloss color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms  vibration resistance • acc. to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	shape of the actuating element	round
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, high gloss color of the front ring silver  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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms  vibration resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 500 000 reference code acc. to IEC 81346-2 S Ambient conditions	outer diameter of the actuating element	29.5 mm
product component front ring  design 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  • acc. to IEC 60068-2-27  vibration resistance  • acc. to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	marking of the actuating element	Customized labeling, text in lower case letters
product component front ring  design 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  • acc. to IEC 60068-2-27  vibration resistance  • acc. to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	type of unlocking device	push-to-unlatch mechanism
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  acc. to IEC 60068-2-27  vibration resistance  acc. to IEC 60068-2-6  poperating frequency maximum nechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	Front ring	
material of the front ring  color of the front ring  general technical data  protection class IP  lP66, IP67, IP69(IP69K)  degree of protection NEMA rating  shock resistance  acc. to IEC 60068-2-27  Sinusoidal half-wave 50g / 11 ms  vibration resistance  acc. to IEC 60068-2-6  perating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	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  acc. to IEC 60068-2-27  Sinusoidal half-wave 50g / 11 ms  vibration resistance  acc. to IEC 60068-2-6  perating frequency maximum  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	design of the front ring	Standard
protection class IP  degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms  vibration resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g  operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions	material of the front ring	Metal, high gloss
protection class IP  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • acc. to IEC 60068-2-27  Sinusoidal half-wave 50g / 11 ms  vibration resistance  • acc. to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum 1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	color of the front ring	silver
degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • acc. to IEC 60068-2-27  Sinusoidal half-wave 50g / 11 ms  vibration resistance  • acc. to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	General technical data	
shock resistance  • acc. to IEC 60068-2-27  Sinusoidal half-wave 50g / 11 ms  vibration resistance  • acc. to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	protection class IP	IP66, IP67, IP69(IP69K)
● acc. to IEC 60068-2-27  vibration resistance  • acc. to IEC 60068-2-6  operating frequency maximum  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance  ● acc. to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	shock resistance	
● acc. to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 500 000 reference code acc. to IEC 81346-2 S Ambient conditions	vibration resistance	
mechanical service life (switching cycles) typical 500 000  reference code acc. to IEC 81346-2 S  Ambient conditions	• acc. to IEC 60068-2-6	10 500 Hz: 5g
reference code acc. to IEC 81346-2 S Ambient conditions	operating frequency maximum	1 800 1/h
Ambient conditions	mechanical service life (switching cycles) typical	500 000
	reference code acc. to IEC 81346-2	S
• ambient temperature during operation 25 ±70 °C	Ambient conditions	
■ ambient temperature during operation -25 +70 C	<ul> <li>ambient temperature during operation</li> </ul>	-25 +70 °C
• ambient temperature during storage -40 +80 °C		40 190 °C

environmental category during operation acc. 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=3SU1050-0AA60-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-0AA60-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-0AA60-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-0AA60-0AA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-0AA60-0AA0-Z Y12&lang=en</a>

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