## 3SU1051-0BB30-0AA0-Z Y15

## **Data sheet**



Illuminated pushbutton, 22 mm, round, metal, shiny, yellow, pushbutton, raised, momentary contact type, with laser labeling, upper case and lower case, Always upper case at the beginning of the word

product designation design of the product 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 textension optional elight source contact module Yes contact module yes color of the actuating element material of the actuating element marking of the actuating element marking of the actuating element principle of operation  ### Actuator  Customized labeling, text in lower case / capital letters, all words start with capital letters  ### Front ring  product component front ring design of the front ring design of the front ring material of the front ring  ### Customized labeling, text in lower case / capital letters, all words start with capital letters  ### Front ring  product component 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  ### vibration resistance  ### acc. to IEC 60068-2-27  ### vibra	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	product designation	Illuminated pushbuttons	
product line  Enclosure  number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional elight source contact module Yes color of the actuating element yellow material of the actuating element pouter diameter of the actuating element outer diameter of the actuating element  product component front ring yes design of the front ring Standard material of the front ring Standard material of the front ring whetal, high gloss color of the actuating element  1	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 product extension optional  • light source • contact module  roting element gold by es color of the actuating element gold by es color of the front ring gold by es design of the front ring gold by es color of the front ring gol			
number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional  • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element plastic shape 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 With capital letters  Front ring product component front ring Standard material of the front ring Metal, high gloss color of the front ring sliver  Ceneral 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 Sinusoidal half-wave 50g / 11 ms  vibration resistance • acc. to IEC 60068-2-6 Sinusoidal half-wave 50g / 11 ms  proference code acc. to IEC 81346-2 S  Ambient conditions  • ambient temperature during operation -25 +70 °C	product line	Metal, shiny, 22 mm	
Actuator  design of the actuating element principle of operation of the actuating element product extension optional  • light source 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  marking of the actuating element with capital letters  Front ring  product component front ring Yes design of the front ring Standard material of the front ring Standard 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 60088-2-6 10 500 1/n mechanical service life (switching cycles) typical 3 000 000 reference code acc. to IEC 81346-2 S  Ambient conditions • ambient temperature during operation -25 +70 °C	Enclosure		
design of the actuating element product extension optional  • light source Yes  • contact module Yes  color of the actuating element yellow material of the actuating element yellow material of the actuating element yellow plastic shape of the actuating element youter diameter 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 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 mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 S  Ambient conditions  • ambient temperature during operation -25 +70 °C	number of command points	1	
principle of operation of the actuating element product extension optional  • light source • contact module  Color of the actuating element yellow material of the actuating element outer diameter of the actuating element  Tround outer diameter of the actuating element outer diameter of the actuating element  Tround outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters  Front ring  product component front ring design of the front ring Metal, high gloss color of the front ring Standard 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  vibration resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions • ambient temperature during operation  -25 +70 °C	Actuator		
product extension optional    light source   Yes	design of the actuating element	Raised button	
● light source ● 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 / capital letters, all words start with capital letters  Front ring  product component front ring  design of the front ring  material of the front ring  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  Protection 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  • ambient temperature during operation  Pallow  gellow  round  vellow  yellow  yellow  yellow  yellow  yellow  pellow  material of the actuating element  round  customical service life (switching cycles) typical  a 3 000 000  -25 +70 °C	principle of operation of the actuating element	momentary contact type	
ontact 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 / capital letters, all words start with capital letters  Front ring  product component front ring     design of the front ring     standard     material of the front ring     silver  General technical data  protection class IP     degree of protection NEMA rating     shock resistance	product extension optional		
color of the actuating element material of the actuating element outer diameter of the actuating element 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 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 sinusoidal half-wave 50g / 11 ms  Protection class IP operating frequency maximum as 600 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2  Ambient conditions  a material of the general technical data protection class IP IP66, IP67, IP69(IP69K) Sinusoidal half-wave 50g / 11 ms  ### 100 000 ### 25 +70 °C  ### 25 +70 °C	• light source	Yes	
material of the actuating element shape of the actuating element outer diameter of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters  Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring glover 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 acc. acc. to IEC 81346-2 Ambient temperature during operation -25 +70 °C	contact module	Yes	
shape of the actuating element outer diameter of the actuating element 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 design of the front ring material of the front ring Standard 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  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 • ambient temperature during operation  -25 +70 °C	color of the actuating element	yellow	
outer diameter of the actuating element  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  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  a acc. to IEC 81346-2  Ambient temperature during operation  29.5 mm  Customized labeling, text in lower case / capital letters, all words start with capital letters  Lousday in lower case / capital letters, all words start with capital letters  Customized labeling, text in lower case / capital letters, all words start with capital letters  Lousday in lower case / capital letters  Standard  Metal, high gloss  Standard  Metal, high gloss  Silver  Seneral technical letters  Front ring  Yes  Letters  Perofection Case / capital letters  In lower case / capital letters  In lower case / capital letters  Perofection Case / capital letters  In lower case / capital letters  Metal, high gloss  Standard  Metal, high gloss  Silver  Seneral technical letters  In lower case / capital letters	material of the actuating element	plastic	
marking of the actuating element  Customized labeling, text in lower case / capital letters, all words start with capital letters  Pront ring  product component front ring  design 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  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  acc. acc. to IEC 81346-2  Ambient temperature during operation  Customized labeling, text in lower case / capital letters, all words start with capital letters  Customized labeling, text in lower case / capital letters  With capital letters  Yes  Metal, high gloss  Standard  Metal, high gloss  Silver  IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  Sinusoidal half-wave 50g / 11 ms  vibration resistance  acc. to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  3 600 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  S  Ambient conditions  acc. to IEC 81346-2  S  Ambient temperature during operation  -25 +70 °C	shape of the actuating element	round	
Front ring  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  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  • ambient temperature during operation  Yes  Metal, high gloss  Standard  Me	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  • ambient temperature during operation  Yes  Metal, high gloss  Metal, high gloss  Standard  Metal, high gloss  Silver  Standard  Netal Standard  Ne	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 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 3 600 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 S  Ambient conditions  • ambient temperature during operation -25 +70 °C	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  • ambient temperature during operation  Metal, high gloss silver  IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  Sinusoidal half-wave 50g / 11 ms  Vibration resistance  10 500 Hz: 5g  3 000 000  Ference code acc. to IEC 81346-2  S  Ambient conditions	product component front ring	Yes	
color of the front ring  General technical data  protection class IP  lefe, 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  3 600 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions  accident	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	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  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions  • ambient temperature during operation  IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  Sinusoidal half-wave 50g / 11 ms  3 inusoidal half-wave 50g / 11 ms  3 inusoidal half-wave 50g / 11 ms  3 inusoidal half-wave 50g / 11 ms  5 inusoidal half-wave 50g / 12 ms  6 inusoidal half-wave 50g / 12 ms  7 inusoidal half-wave 50g / 12 ms  8 inusoidal half-wave 50g / 12 ms  8 inusoidal half-wave 50g / 12 ms  9 inusoidal hal	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  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions  • ambient temperature during operation  1, 2, 3, 3R, 4, 4X, 12, 13  Sinusoidal half-wave 50g / 11 ms  10 500 Hz: 5g  3 600 1/h  S 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	General technical data		
shock resistance	protection class IP	IP66, IP67, IP69(IP69K)	
■ acc. to IEC 60068-2-27     Sinusoidal half-wave 50g / 11 ms  vibration resistance     ■ acc. to IEC 60068-2-6     ■ acc. to IEC 60068-2-6     Operating frequency maximum	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
vibration resistance	shock resistance		
● acc. to IEC 60068-2-6  operating frequency maximum  3 600 1/h  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions  • ambient temperature during operation  10 500 Hz: 5g  3 000 0/h  3 000 000  S  -25 +70 °C	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms	
operating frequency maximum  mechanical service life (switching cycles) typical  reference code acc. to IEC 81346-2  Ambient conditions  • ambient temperature during operation  -25 +70 °C	vibration resistance		
mechanical service life (switching cycles) typical 3 000 000  reference code acc. to IEC 81346-2 S  Ambient conditions  • ambient temperature during operation -25 +70 °C	• acc. to IEC 60068-2-6	10 500 Hz: 5g	
reference code acc. to IEC 81346-2 S  Ambient conditions  • ambient temperature during operation -25 +70 °C	operating frequency maximum	3 600 1/h	
Ambient conditions	mechanical service life (switching cycles) typical	3 000 000	
■ ambient temperature during operation	reference code acc. to IEC 81346-2	S	
	Ambient conditions		
• ambient temperature during storage -40 +80 °C	ambient temperature during operation	-25 +70 °C	
	<ul> <li>ambient temperature during storage</li> </ul>	-40 +80 °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	16.2 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=3SU1051-0BB30-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0BB30-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0BB30-0AA0-Z Y15

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=3SU1051-0BB30-0AA0-Z Y15&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1051-0BB30-0AA0-Z Y15&lang=en</a>

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