SIEMENS

Data sheet

3SU1050-1AA10-0AA0-Z Y12



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 30 mm, latching, pull-to-unlatch mechanism, with laser labeling, lower case

product brand name SIRUS ACT product designation Mushroom pushbutons design of the product Actuatingsignating element product line Metal, shiny, 22 mm number of command points 1 Actuation principle of operation of the actuating element product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element plastic shape of the actuating element customized labeling, text in lower case letters type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Product component front ring Standard material of the front ring Standard color of the front ring silver Color of the front ring silver product function No • EMERGENCY OFF function No • EMERGENCY STOP function No • according to IEC 6008-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance iou usho S00 Miz		
design of the product Actuating/signaling element product type designation 35U1 product line Metal, shiny, 22 mm Enclosure 1 Actuator principle of operation of the actuating element latching principle of operation of the actuating element latching principle of the actuating element black material of the actuating element plastic shape of the actuating element color of the actuating element outer diameter of the actuating element Customized labeling, text in lower case letters type of unlocking device pull-to-unlatch mechanism number of switching positions 2 product function 2 product function silver General technical data giver general technical tata product function e EMERGENCY OF function No protection class IP Up66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance 10, 500 Hz; 5g operating frequency maximum 1800 1/h <tr< th=""><th>product brand name</th><th>SIRIUS ACT</th></tr<>	product brand name	SIRIUS ACT
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type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring 2 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	outer diameter of the actuating element	30 mm
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product functionNo• EMERGENCY OFF functionNo• EMERGENCY STOP functionNoprotection 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 msvibration resistance-• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient temperature-	color of the front ring	silver
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mechanical service life (switching cycles) typical 500 000 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
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	mechanical service life (switching cycles) typical	500 000
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	30 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	27.5 mm
installation width	30 mm
installation depth	24.4 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=3SU1050-1AA10-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1AA10-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1AA10-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1AA10-0AA0-Z Y12&lang=en

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