3SU1051-0AA70-0AA0-Z Y10

Data sheet



Illuminated pushbutton, 22 mm, round, metal, shiny, clear, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name	SIRIUS ACT	
product designation	Illuminated pushbuttons	
design of the product	Actuating/signaling element	
product type designation	3SU1	
product line	Metal, shiny, 22 mm	
Enclosure		
number of command points	1	
Actuator		
design of the actuating element	Flat button	
principle of operation of the actuating element	latching	
product extension optional		
• light source	Yes	
contact module	Yes	
color of the actuating element	clear	
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	
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		
ambient temperature during operation	-25 +70 °C	

 ambient temperature during storage 	-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	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=3SU1051-0AA70-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0AA70-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0AA70-0AA0-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=3SU1051-0AA70-0AA0-Z Y10&lang=en

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