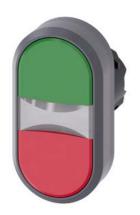
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Data sheet



Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, green, red, pushbuttons, flat, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name	SIRIUS ACT	
product designation	Twin pushbuttons	
design of the product	Actuating/signaling element	
product type designation	3SU1	
product line	Plastic with metal front ring, matt, 22 mm	
Enclosure		
number of command points	1	
Actuator		
design of the actuating element	Flat buttons, illuminated	
principle of operation of the actuating element	momentary contact type	
product extension optional		
• light source	Yes	
contact module	Yes	
color of the actuating element	green / red	
material of the actuating element	plastic	
shape of the actuating element	oval	
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		
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 (switching cycles) typical	2 000 000	
reference code according to IEC 81346-2	S	
Substance Prohibitance (Date)	10/01/2014	
Ambient conditions		
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	57.9 mm
width	29.9 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	14.4 mm
installation width	29.9 mm
installation depth	25.7 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=3SU1031-3AB42-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-3AB42-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB42-0AA0-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=3SU1031-3AB42-0AA0-Z Y10&lang=en

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