



Illuminated pushbutton, 30 mm, round, Metal, matte, blue, front ring for flush installation, momentary contact type, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, matt, flat, 30 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Flat button
principle of operation of the actuating element	momentary contact type
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	blue
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	38 mm
marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417
Front ring	
product component front ring	Yes
design of the front ring	Flat
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 (operating cycles) typical	3 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Net Weight	0.08 kg
Safety related data	
proportion of dangerous failures	

<ul style="list-style-type: none"> with low demand rate according to SN 31920 	20 %
<ul style="list-style-type: none"> with high demand rate per NC contact according to SN 31920 	20 %
<ul style="list-style-type: none"> with high demand rate per NO contact according to SN 31920 	50 %
B10 value with high demand rate according to SN 31920	3 000 000
failure rate [FIT] with low demand rate per NC contact according to SN 31920	100 FIT
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a

Ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +70 °C
<ul style="list-style-type: none"> 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	38 mm
width	38 mm
shape of the installation opening	round
mounting diameter	30.5 mm
positive tolerance of installation diameter	0.5 mm
mounting height	4.2 mm
installation width	38 mm
installation depth	31.1 mm

Approvals Certificates

Environment	General Product Approval	Test Certificates
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[Environmental Confirmations](#)



[Type Test Certificates/Test Report](#)

Test Certificates	Maritime application	other
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[Special Test Certificate](#)



[Confirmation](#)

other



Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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=3SU1061-0JB50-0AA0-Z Y13>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1061-0JB50-0AA0-Z Y13>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1061-0JB50-0AA0-Z Y13>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1061-0JB50-0AA0-Z Y13&lang=en

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