

Data sheet

3SU1051-1AA20-0AA0

Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, red, 30 mm, latching, Pull-to-unlatch mechanism

product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm

Enclosure

number of command points	1
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Actuator

design of the operating mechanism	illuminated
manner of function of the actuating element	latching
product extension optional light source	Yes
color	
of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	30 mm
type of unlocking device	pull-to-unlatch mechanism
number of switching positions	2

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

product function	
EMERGENCY OFF function	No
EMERGENCY STOP function	No
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 DIN EN 81346-2	S

Ambient conditions	
environmental category during operation acc. 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		
General Product Approval	Declaration of Conformity	Test Certificates
 CSA	 UL	 EAC
	 EG-Konf.	Miscellaneous Type Test Certificates/Test Report

Test Certificates	Marine / Shipping
Special Test Certificate	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

other
Confirmation

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=3SU1051-1AA20-0AA0
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1AA20-0AA0

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1AA20-0AA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1AA20-0AA0&lang=en

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