

PUSHBUTTON, COMP., WITH EXTENDED STROKE (12MM),
22MM, ROUND, METAL, RED TRANSPARENT, FLAT BUTTON,
MOMENTARY CONTACT TYPE, WITH HOLDER



Figure similar

Product brand name	SIRIUS ACT
Product designation	Pushbuttons with extended stroke
Product type designation	3SU1
Enclosure	
Number of command points	1
Actuator	
Design of the operating mechanism	Pushbutton with flat transparent button for insertion of insert labels
Manner of function of the actuating element	Momentary contact type
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	29.5 mm
Type of unlocking device	without
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	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	10 ... 500 Hz: 5g Category 1, Class B
Operating frequency maximum	3 600 1/h
Mechanical service life (switching cycles) • typical	5 000 000
Equipment marking • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	S S

Ambient conditions

Ambient temperature • during operation • during storage	-25 ... +70 °C -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	40 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	20.3 mm
Installation width	29.5 mm
Installation depth	30.9 mm

Certificates/approvals

General Product Approval			Declaration of Conformity	Test Certificates	
				Declaration of the Compliance with the order	Special Test Certificate
CSA	UL		EG-Konf.		

other
Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1251-0EB20-0AA0>

Cax online generator

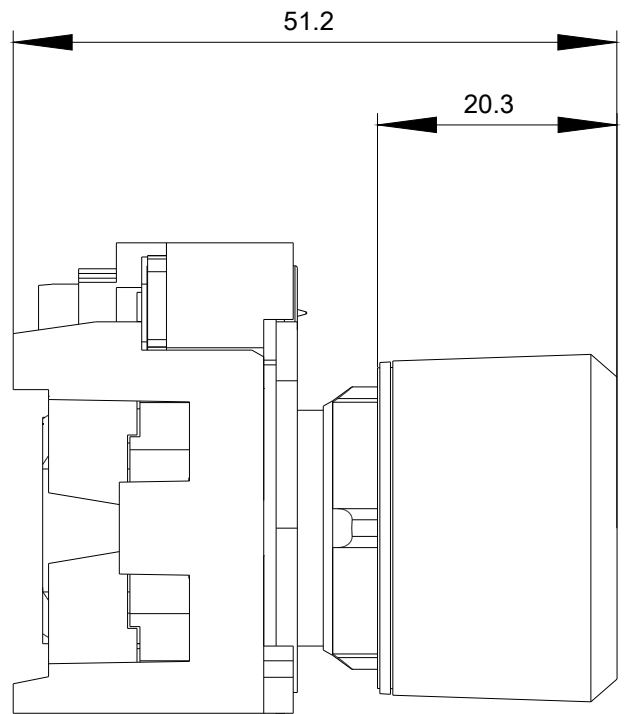
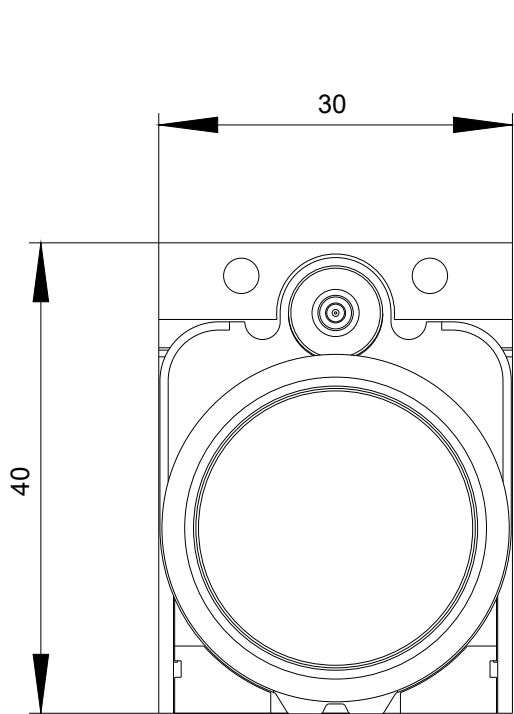
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1251-0EB20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1251-0EB20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1251-0EB20-0AA0&lang=en



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