






22MM PLASTIC ROUND ACTUATOR: MUSHR.PUSHBUTTON  
60MM MOMENTARY CONTACT TYPE Z=WITHOUT HOLDER RED





<b>Design of the product</b>	Single device round
<b>Enclosure:</b>	
<b>Number of command points</b>	1
<b>Actuator:</b>	
<b>Design of the operating mechanism</b>	mushromm pushbutton
<b>Manner of function of the actuating element</b>	Momentary contact type
<b>Product extension optional Light source</b>	No
<b>Color</b>	
• of the actuating element	Red
<b>Material of the actuating element</b>	plastic
<b>Outer diameter of the actuating element</b>	40 mm
<b>Type of unlocking device</b>	without
<b>Number of switching positions</b>	2
<b>Front ring:</b>	
<b>Product component front ring</b>	Yes
<b>Design of the front ring</b>	Standard
<b>Material of the front ring</b>	plastic
<b>Color of the front ring</b>	black
<b>General technical data:</b>	
<b>Product function</b>	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>Protection class IP</b>	IP66
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
<b>Operating frequency maximum</b>	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	10 000 000
<b>Equipment marking</b>	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
<b>Ambient conditions:</b>	

<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
<b>Environmental category during operation acc. to IEC 60721</b>	3K6

Installation/ mounting/ dimensions:	
<b>Mounting type</b>	front mounting
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22 mm
<b>Mounting height</b>	24.5 mm
<b>Installation width</b>	60 mm
<b>Installation depth</b>	29 mm

### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CSA  UL	 EAC  EG-Konf.	<a href="#">spezielle Prüfbescheinigung</a> <a href="#">n</a>	 ABS

Shipping Approval	other
 DNV  LRS  PRS  RINA	<a href="#">sonstig</a> <a href="#">Umweltbestätigung</a>

other
<a href="#">Bestätigungen</a>

### 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=3SB3000-1QA21-Z B01>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3000-1QA21-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-1QA21-Z B01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3000-1QA21-Z B01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3000-1QA21-Z B01&lang=en)

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