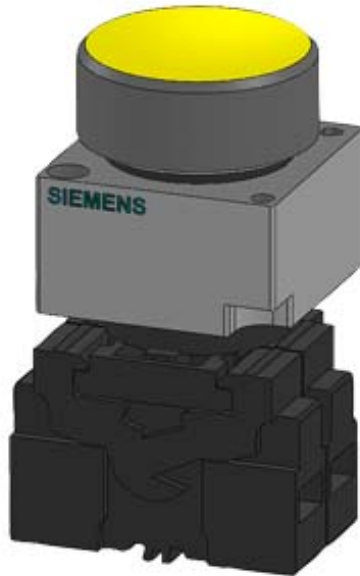


22MM METAL ROUND COMPLETE UNIT COMBINATION:  
ILLUMINATED PUSHBUTTON MOMENTARY CONTACT TYPE  
WITH FLAT BUTTON ILLUMINATED WITH INTEGRATED LED  
110V AC SCREW TERMINAL, 1NO WITH HOLDER YELLOW



Design of the product	Complete unit round
<b>Enclosure</b>	
Shape of the enclosure front	round
Material of the enclosure	metal
Number of command points	1
<b>Actuator</b>	
Design of the operating mechanism	Illuminated pushbutton
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	Yes
Color	
• of the actuating element	Yellow
Material of the actuating element	plastic
Shape of the actuating element	Flat pushbutton
Type of unlocking device	without
Number of switching positions	2
<b>Front ring</b>	
Product component front ring	Yes
Design of the front ring	Standard

<b>Material of the front ring</b>	metal
<b>Color of the front ring</b>	silver
<b>Holder</b>	
<b>Material of the holder</b>	Metal
<b>Contact block/ lampholder</b>	
<b>Mounting type</b>	integrated LED
<b>Number of lampholders</b>	1
<b>Number of switching elements</b>	1
<b>General technical data</b>	
<b>Product function</b>	
• positive opening	No
<b>Product component</b>	
• Light source	Yes
<b>Protection class IP</b>	IP67
<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	3 000 000
<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>Supply voltage</b>	
<b>Type of voltage of the supply voltage</b>	
• of the light source	AC
<b>Supply voltage 1 of the light source at AC</b>	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
<b>Relative negative tolerance of the supply voltage</b>	-15 %
<b>Relative positive tolerance of the supply voltage</b>	10 %
<b>Auxiliary circuit</b>	
<b>Number of NC contacts</b>	
• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	1
<b>Number of CO contacts</b>	
• for auxiliary contacts	0
<b>Consumed current for rated value of supply voltage maximum</b>	15 mA

<b>Operating current at AC-12</b>	
• at 24 V rated value	10 A
• at 48 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
• at 400 V rated value	10 A
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	3 A
<b>Operating current at DC-12</b>	
• at 24 V rated value	10 A
• at 48 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	3 A
• at 48 V rated value	1.5 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A

### Connections/Terminals

<b>Type of electrical connection</b>	screw-type terminals
<b>Tightening torque of the screws in the bracket</b>	1.4 ... 1.6 N·m

### Ambient conditions

<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>	12 mm
<b>Installation width</b>	28.5 mm
<b>Installation depth</b>	63 mm

### Accessories

<b>Product component holder for 3 switching elements</b>	Yes
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## Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
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[spezielle Prüfbescheinigungen](#)  
[n](#)



Shipping Approval	other
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[sonstig](#)

[Bestätigungen](#)

### other

[Umweltbestätigung](#)

## 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=3SB3657-0AA31>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3657-0AA31>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3657-0AA31>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3657-0AA31&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3657-0AA31&lang=en)

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