

22MM METAL ROUND ACTUATOR: SELECTOR SWITCH
MOMENTARY CONTACT TYPE 3 SWITCH POSITIONS I-O-II
ILLUMINATED WITHOUT HOLDER GREEN, SOLVENT-
RESISTANT NOT INSCRIBABLE WITH LASER

Design of the product

Single device round

Enclosure:

Number of command points

1

Actuator:

Design of the operating mechanism

selector switch

Manner of function of the actuating element

Momentary contact type

Product extension optional Light source

Yes

Color

- of the actuating element

Green

Material of the actuating element

plastic

Outer diameter of the actuating element

28.5 mm

Type of unlocking device

without

Number of switching positions

3

Actuating angle

- clockwise
- anticlockwise

50°

50°

Front ring:

Product component front ring

Yes

Design of the front ring

Standard

Material of the front ring

metal

Color of the front ring

silver

Holder:

Material of the holder

Metal

General technical data:

Product function

- EMERGENCY OFF function
- EMERGENCY STOP function

No

No

Protection class IP

IP67

Vibration resistance

- acc. to IEC 60068-2-6

20 ... 200 Hz: 5g

Operating frequency maximum

1 000 1/h

Mechanical service life (switching cycles)

- typical

300 000

Equipment marking	
• 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

Connections/ Terminals:

Tightening torque of the screws in the bracket	1.4 ... 1.6 N·m
---	-----------------

Ambient conditions:

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

Installation/ mounting/ dimensions:

Mounting type	front mounting
Shape of the installation opening	round
Mounting diameter	22 mm
Mounting height	24 mm
Installation width	28.5 mm
Installation depth	29 mm

Certificates/approvals

General Product Approval	Declaration of Conformity	Shipping Approval
 CSA	 EG-Konf.	 ABS
 UL		 DNV
		

Shipping Approval	other
 LRS	Bestätigungen
 PRS	
 RINA	

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=3SB3501-2EA41-0PA0-Z B01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3501-2EA41-0PA0-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3501-2EA41-0PA0-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=3SB3501-2EA41-0PA0-Z B01&lang=en

last modified:

08/18/2016