



22MM PLASTIC ROUND COMPLETE UNIT
COMBINATION: ILLUMINATED PUSHBUTTON
MOMENTARY CONTACT TYPE WITH FLAT BUTTON
ILLUMINATED WITH INTEGRATED LED 24V AC/DC
SCREW TERMINAL,
1NO WITH HOLDER YELLOW,
SOLVENT-RESISTANT NON INSCRIBABLE WITH LASER

Actuator / signaling device:

Design of the product	Complete unit, round
Design of the operating mechanism	Illuminated pushbutton
Type of unlocking device	without
Color / of the activation element	Yellow
Material / of the activation element	plastic
Shape / of the activation element	Flat pushbutton
Number of switching positions	2
Product component / front ring	Yes
Material / of the front ring	plastic
Color / of the front ring	black
Design of the front ring	Standard
Product function / EMERGENCY STOP function	No

Holder:

Material / of the holder	Plastic
--------------------------	---------

Contact block / lampholder

Design of the electrical connection	screw-type terminals
Number of switching elements	1
Number of NC contacts / for auxiliary contacts	0

Number of NO contacts / for auxiliary contacts		1
Number of change-over switches / for auxiliary contacts		0
Product function / positive opening		No
Number of lampholders		1
Execution of the mounting		integrated LED
Product component / fluorescent materials		Yes
Product extension / optional / fluorescent materials		Yes

Accessories:

Product component / holder for 3 switching elements

Yes

General technical details:

Type of voltage / of the supply voltage / of the fluorescent material

AC/DC

- of the fluorescent material / at 60 Hz / for AC / rated value
- of the fluorescent material / at 50 Hz / for AC / rated value
- of the fluorescent material / for DC / rated value

V

24

V

24

V

24

Type of voltage / of the operating voltage

AC/DC

Operating voltage / rated value

- minimum
- maximum

V

19

V

30

Operating current

- at AC-12
 - at 24 V / rated value
 - at 48 V / rated value
 - at 110 V / rated value
 - at 230 V / rated value
 - at 400 V / rated value
- at AC-15
 - at 24 V / rated value
 - at 48 V / rated value
 - at 110 V / rated value
 - at 230 V / rated value
 - at 400 V / rated value
- at DC-12
 - at 24 V / rated value
 - at 48 V / rated value
 - at 110 V / rated value
 - at 230 V / rated value
- at DC-13
 - at 24 V / rated value

A

10

A

10

A

10

A

10

A

10

A

6

A

6

A

6

A

6

A

3

A

10

A

5

A

2.5

A

1

A

3

• at 48 V / rated value • at 110 V / rated value • at 230 V / rated value	A	1.5
	A	0.7
	A	0.3
Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27		<= 50g
Resistance against vibration / according to IEC 60068-2-6		20 ... 200 Hz: 5g
Operating cycles / maximum	1/h	1,000
Mechanical operating cycles as operating time / typical		3,000,000
Item designation • according to DIN EN 61346-2 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature • during operating • during storage	°C °C	-25 ... +70 -40 ... +80
Protection class IP		IP66
climatic class / during the operating phase / according to EN 60721		3K6
Type of mounting		front mounting
Shape / of the installation hole		round
Installation width	mm	28.5
Mounting diameter	mm	22
Mounting height	mm	8
Mounting depth	mm	49

Certificates/approvals:

General Product Approval



[Special Test Certificate](#)

Shipping Approval



other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator:

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3245-0AA31-0PA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3245-0AA31-0PA0

last change:

Jan 21, 2013