

Actuator

14-
508.02502

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Your product:



14-508.02502

Actuator

FRONT

Front bezel material: Aluminium

Front bezel colour: Nature

OPERATING-/INDICATION PART

Lever material: plastic

Lever shape: short

Lever colour: Black

ELECTRICAL CHARACTERISTICS

Protection class: II

Electrical lifetime: 50 000 cycles of operation

Electric strength: 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1

Rated Operational Voltage U_e: 250 VAC/DC according to EN IEC 61058-1

Thermal current I_{th}: The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values.
3 A

Switching voltage and switching current:

- 250 VAC, 5 A (ohmic)
- 250 VAC, 3 A (Soldering terminal)
- 250 VAC, 2 A (inductive, $\cos(\phi) = 0.7$)
- 220 VDC, 0.1 A (inductive, L:R = 30 ms)
- 110 VDC, 0.2 A (inductive, L:R = 30 ms)
- 60 VDC, 0.7 A (inductive, L:R = 30 ms)
- 24 VDC, 2 A (inductive, L:R = 30 ms)

Standards: According to EN/IEC 61058-1

Contacts: 3 NC / 3 NO

MECHANICAL CHARACTERISTIC

Switching angle:	90° right
Mechanical lifetime:	1 Mio. cycles of operation
Tightening torque:	Fixing nut max. 0.25 Nm
Switching positions:	2 positions
Switching action:	Rest - Maintained
Switching system:	Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.
Switching system:	Snap-action switching element
Operating Travel:	ca. 90°
Terminal:	Soldering terminal
Contact material:	Gold
Operating force:	3 N ... 6 N, depending on the number of switching elements
Weight:	0.028 kg

AMBIENT CONDITION

Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
IP front protection:	IP67, according to DIN EN 60529
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	Max. 150 m / s ² , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
Vibration resistance:	Max. 100 m / s ² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)

CERTIFICATE

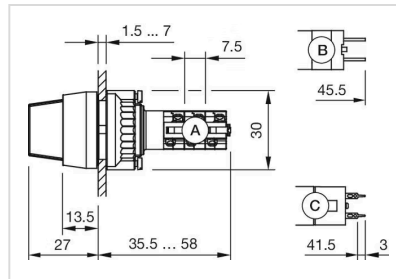
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, EAC, ENEC (EN 61058-1), UL, VDE

OTHER

max. number of switching elements:	3
Hints:	The colour of anodised aluminium parts can vary due to technical production reasons

Short Description:

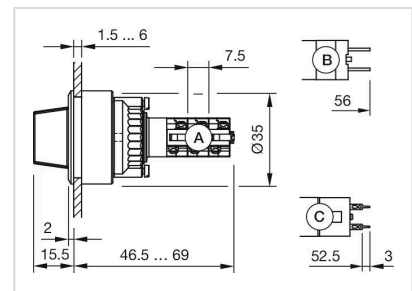
Actuator, non illuminative, Black, short, Nature, Aluminium, anodised, 3 NC / 3 NO,
Rest - Maintained, Soldering terminal, IP67, according to DIN EN 60529

Dimension drawings:

A = Solder terminal

B = Plug-in terminal 2.8 x 0.5 mm

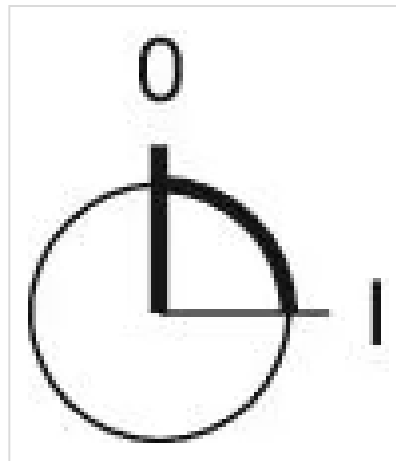
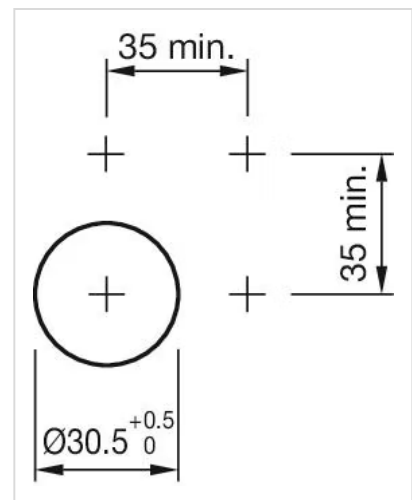
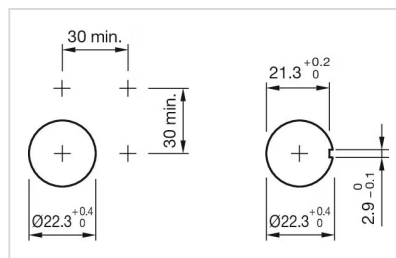
C = Universal terminal 2.0 mm x 0.5 mm



A = Solder terminal

B = Plug-in terminal 2.8 x 0.5 mm

C = Universal terminal 2.0 mm x 0.5 mm

Switching positions:**Mounting cut-outs:****Wiring diagrams:**

