

Actuator

14-
507.02502

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Your product:



14-507.02502

Actuator

FRONT

Front bezel material: Aluminium

Front bezel colour: Nature

OPERATING-/INDICATION PART

Lever material: plastic

Lever shape: short

Lever colour: Black

ELECTRICAL CHARACTERISTICS

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} : 5 A, according to EN / IEC 60947-5-1
The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values.

Electrical lifetime: 50 000 cycles of operation

Standards: According to EN/IEC 61058-1

Switching voltage and switching current:
250 VAC, 5 A (ohmic)
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)

Contacts: 2 NC / 2 NO

Protection class: II

MECHANICAL CHARACTERISTIC

Switching action:	Rest - Maintained
Operating force:	3 N ... 6 N, depending on the number of switching elements
Terminal:	Soldering terminal
Contact material:	Gold-plated silver
Tightening torque:	Fixing nut max. 0.25 Nm
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
Switching angle:	90° right
Weight:	0.026 kg
Switching positions:	2 positions
Operating Travel:	ca. 90°
Mechanical lifetime:	1 Mio. cycles of operation

AMBIENT CONDITION

Vibration resistance:	Max. 100 m / s ² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
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)
Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30

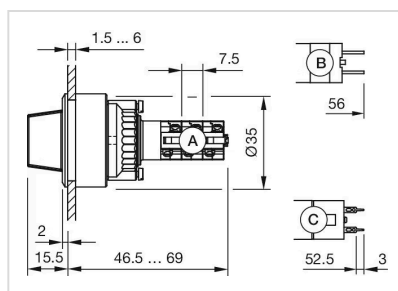
CERTIFICATE

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

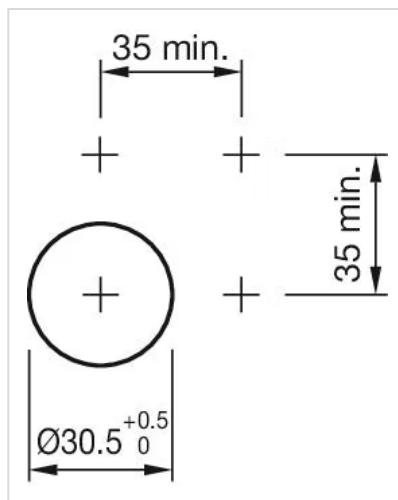
OTHER

max. number of switching elements:	2
Hints:	The colour of anodised aluminium parts can vary due to technical production reasons
Short Description:	Actuator, non illuminative, Black, short, Nature, Aluminium, anodised, 2 NC / 2 NO, Rest - Maintained, Soldering terminal, IP67, according to DIN EN 60529

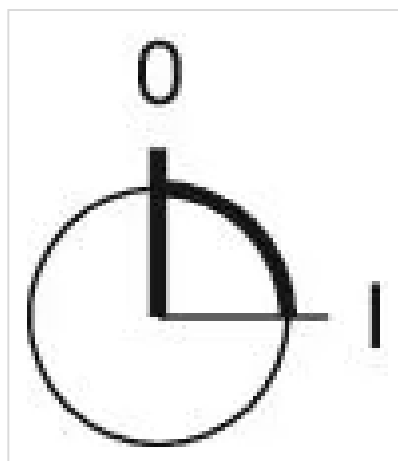
Dimension drawings:



Mounting cut-outs:



Switching positions:



Wiring diagrams:

