

Actuator

14-
556.0220



<https://eao.com/p/14-556.0220>

Your product:



14-556.0220 Actuator

FRONT

Front bezel colour:	Nature
Front bezel material:	Aluminium

OPERATING-/INDICATION PART

Lever material:	plastic
Lever shape:	long
Lever colour:	Black

ELECTRICAL CHARACTERISTICS

Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
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)
Rated Operational Voltage Ue:	250 VAC/DC according to EN IEC 61058-1
Thermal current Ith:	The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values. 3 A
Contacts:	1 NC / 1 NO
Protection class:	II
Standards:	According to EN/IEC 61058-1
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Switching angle:	90° right
Contact material:	Gold
Mechanical lifetime:	1 Mio. cycles of operation
Weight:	0.024 kg
Switching action:	Rest - Maintained
Terminal:	Plug-in terminal, 2.8 x 0.5 mm
Operating force:	3 N ... 6 N, depending on the number of switching elements
Tightening torque:	Fixing nut max. 0.25 Nm
Switching positions:	2 positions
Switching system:	Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.
Operating Travel:	ca. 90°
Switching system:	Snap-action switching element

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
Storage temperature:	- 40 °C ... + 85 °C
Vibration resistance:	Max. 100 m / s ² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Shock resistance:	Max. 150 m / s ² , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
IP front protection:	IP67, according to DIN EN 60529

CERTIFICATE

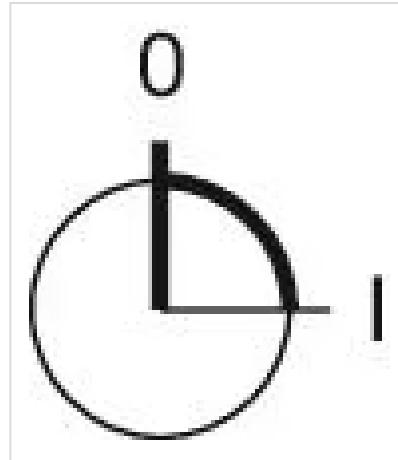
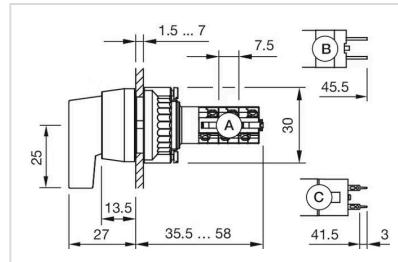
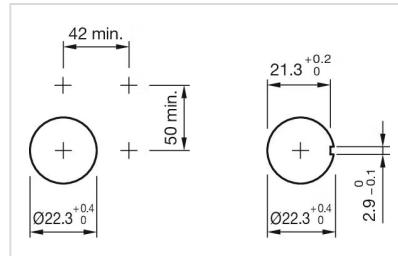
Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, EAC, ENEC (EN 61058-1), UL, VDE
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

max. number of switching elements:	1
Short Description:	Actuator, non illuminative, Black, long, Nature, Aluminium, anodised, 1 NC / 1 NO, Rest - Maintained, Plug-in terminal, 2.8 x 0.5 mm, IP67, according to DIN EN 60529

Hints:

The colour of anodised aluminium parts can vary due to technical production reasons

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