

Actuator

52-
749.0292

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/52-749.0292>

Your product:



52-749.0292

Actuator

OPERATING-/INDICATION PART

Lever shape:	short
Lever material:	plastic

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}:	5 A The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values.
Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15
Switching voltage and switching current:	250 VAC, 5 A (ohmic) 250 VAC, 2 A (inductive, $\cos(\phi) = 0.7$) 125 VAC, 3 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
Electrical lifetime:	50 000 cycles of operation
Standards:	According to EN/IEC 61058-1
Protection class:	II

MECHANICAL CHARATERISTIC

Mechanical lifetime:	1 Mio. cycles of operation
Switching positions:	2 positions
Switching angle:	90° right
Switching system:	Snap-action switching element
Terminal:	Universal soldering terminal

Switching system:	Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.
Weight:	0.01 kg
Contact material:	Gold
Tightening torque:	Fixing nut max. 0.5 Nm
Wire cross section:	Snap-action switching element with tinned soldering terminals at the sides Max. wire diameter 2 wires à 1.2 mm Max. wire cross-section of stranded cable 1 x 1 mm ²
Switching action:	Rest - Maintained

AMBIENT CONDITION

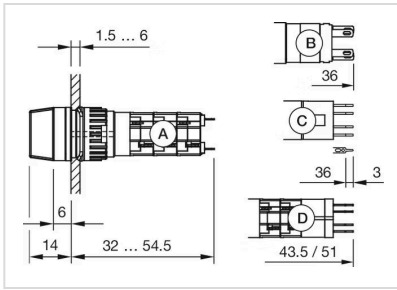
IP front protection:	IP65, according to DIN EN 60529
Shock resistance:	15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)
Operating temperature:	– 25 °C ... + 55 °C
Storage temperature:	– 40 °C ... + 85 °C
Climate resistance:	Standard condition, as per DIN EN 60068-2-30 Changing condition, as per DIN EN 60068-2-14
Vibration resistance:	10 g at 10 Hz...1500 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4, DIN EN 60068-2-6

CERTIFICATE

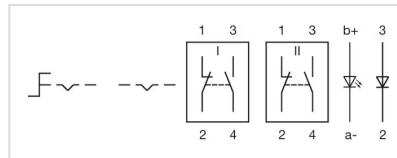
Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 30 / EU (EMC), 2014 / 35 / EU (LVD)

OTHER

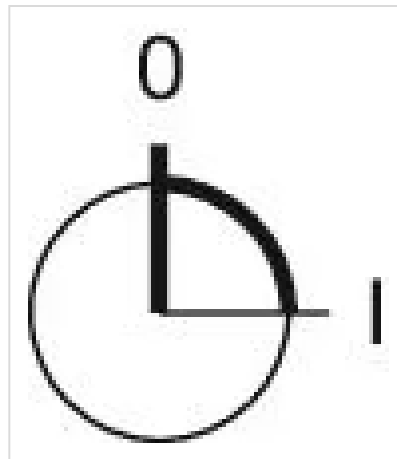
Hints:	Illuminative
Housing colour:	Black
Short Description:	Actuator, optional illuminative, short, 2 NC / 2 NO, Rest - Maintained, Universal soldering terminal, IP65, according to DIN EN 60529
Dimension drawings:	



Wiring diagrams:



Switching positions:



Mounting cut-outs:

