

## Actuator

92-  
458.700



<https://www.eao.com/component/92-458.700/en/a...>

Your product:

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92-458.700  
Actuator

#### FRONT

<b>Front dimension:</b>	18,4 mm x 18,4 mm
<b>Front form:</b>	Square
<b>Front bezel colour:</b>	Black
<b>Front bezel material:</b>	Plastic

#### MOUNTING

<b>Design:</b>	PCB
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

<b>Lens colour:</b>	Colourless
<b>Lens material:</b>	Plastic
<b>Lens illumination:</b>	Illuminated
<b>Lens shape:</b>	Flush
<b>Lens optics:</b>	transparent
<b>Illumination colour:</b>	White

#### ELECTRICAL CHARACTERISTICS

<b>Switching voltage and switching current:</b>	Switching voltage	min. 50 m VAC/DC
	Switching current	max. 42 VAC/DC
	Power rating	min. 10 $\mu$ A AC/DC
		max. 100 mA AC/DC
		max. 2 W
<b>Switching rating:</b>	42 V	
<b>Electrical lifetime:</b>		

500 000 cycles of operation at 42VDC, 50mA, according to IEC 6512-5-9c

**Electric strength:** 500 VAC, 50 Hz, 1 minute according to IEC 60512-5-9c

**Electrostatic discharge (ESD):** 15 kV

## MECHANICAL CHARACTERISTICS

**Switching action:** Momentary

**Switching system:** Short-travel element

**Switching system:** Short-travel switching system with 2 independent contact points  
Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact.

**Mechanical lifetime:**  $\geq 1$  Mil. cycles of operation

**Operating force:** 2.7 N  $\pm 1$  N switching element, 5 N lens

**Operating Travel:** ca. 0.4 mm switching element

**Tightening torque:** Fixing nut max. 0.5 Nm, Fixing screw mounting flange 0.4 Nm

**Weight:** 0.004 kg

## AMBIENT CONDITION

**IP front protection:** IP40

**IP Protection:** IP40 front side

**Operating temperature:**  $-25^{\circ}\text{C} \dots +70^{\circ}\text{C}$

**Storage temperature:**  $-40^{\circ}\text{C} \dots +80^{\circ}\text{C}$

**Shock resistance:** Max. 500 m/s<sup>2</sup>, pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

**Vibration resistance:** Max. 100 m / s<sup>2</sup> from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

## CERTIFICATE

**Approbations:** CQC

**Conformities:** CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**REACH:** REACH compliant

**RoHS:** RoHS compliant

## OTHER

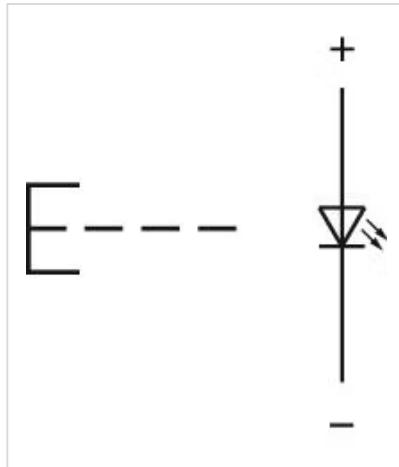
**Short Description:** Actuator, 18,4 mm x 18,4 mm, Flush, Illuminated, Colourless, Plastic, transparent, Square, Black, Plastic, Momentary, IP40, White

**Dimension:** 18.4 mm x 18.4 mm

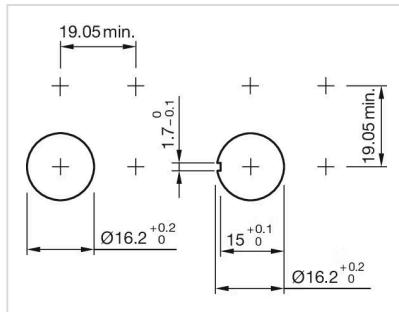
**Housing colour:** White

**Housing material:** Plastic

**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**

