

# Actuator

46-  
2530.1Q20.000

Distribution by  
DigiKey

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## 46-2530.1Q20.000 Actuator

### FRONT

<b>Front dimension:</b>	Ø 90 mm
<b>Front form:</b>	Round
<b>Front bezel colour:</b>	Yellow
<b>Front bezel material:</b>	Plastic

### MOUNTING

<b>Design:</b>	Raised
<b>Mounting cut-out:</b>	Ø 22.3 mm
<b>Mounting type:</b>	Panel mounting

### OPERATING-/INDICATION PART

<b>Lens colour:</b>	Red
<b>Lens material:</b>	Plastic
<b>Lens illumination:</b>	Non illuminated
<b>Lens shape:</b>	Mushroom-head
<b>Lens optics:</b>	opaque

### ELECTRICAL CHARACTERISTICS

<b>Pollution degree:</b>	3
<b>Protection class:</b>	II, according to EN / IEC 61140

### MECHANICAL CHARACTERISTICS

<b>Switching action:</b>	Maintained
<b>Release type:</b>	Pull unlock
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Tightening torque:</b>	2 ... 3 Nm (17.7 ... 26.6 Lb-in)
<b>Weight:</b>	0.055 kg

## AMBIENT CONDITION

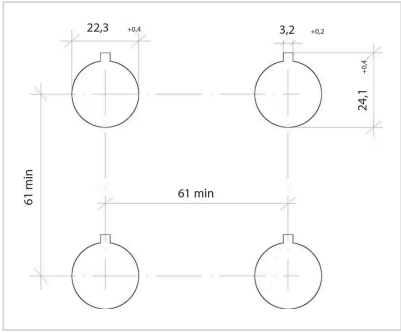
<b>IP front protection:</b>	IP66
<b>IK front protection:</b>	IK03
<b>Operating temperature:</b>	- 40 °C ... + 70 °C
<b>Shock resistance:</b>	30g, 18ms (EN-IEC 60068-2-27) 50g, 11ms (EN-IEC 60068-2-27)
<b>Vibration resistance:</b>	5g f= 2...500Hz (EN-IEC 60068-2-6)
<b>Climate resistance:</b>	+25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)

## CERTIFICATE

<b>Approbations:</b>	CSA, UL
<b>Conformities:</b>	CE
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant
<b>Standards:</b>	CEI EN 61373, CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, IEC EN 60947-5-5, UL508, UNI EN ISO 12100, UNI EN ISO 13850

## OTHER

<b>Short Description:</b>	Actuator, Ø 22.3 mm, Ø 90 mm, Mushroom-head, Non illuminated, Red, Plastic, opaque, Round, Yellow, Plastic, Maintained, IP66, IK03, Pull unlock
<b>Housing colour:</b>	Yellow
<b>Housing material:</b>	Plastic
<b>max. number of switching elements:</b>	4
<b>Mounting cut-outs:</b>	



**Dimension drawings:**

