

# Actuator

51-252.026











# 51-252.026 Actuator

_	_	_		-
-	к	u	N	

Front dimension:  $\varnothing$  24,5 mm

Front form: Round

#### **MOUNTING**

Design: Raised

Mounting type: Panel mounting

#### **OPERATING-/INDICATION PART**

Lens colour: Red

Lens material: Plastic

Lens illumination: Non illuminated

**Lens shape:** Mushroom-head

**Lens optics:** opaque

### **ELECTRICAL CHARACTERISTICS**

**Switching voltage and switching** 100 mA at 42 VAC/VDC

current:
Contacts:

2 NC

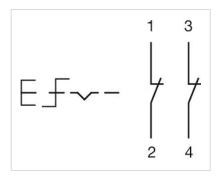
Switching rating: 42 V AC @ 0,1 A

#### **MECHANICAL CHARACTERISTICS**

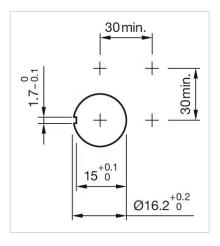
**Terminal:** Universal terminal, 2 x 0.5 mm

Contact material: Gold

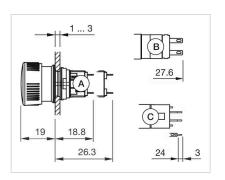
Switching action:	Maintained
Switching system:	Low-level element
Switching system:	This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from a few $\mu A/\mu V$ up to 100 mA/ 42 VAC/DC. Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. 2 momentary contactsper switching element; combination of normally open and normally closed is possible. Special features are the long life, extremely short rebound time and stable contact resistance.
Release type:	Twist to unlock
Mechanical lifetime:	1 Mil. cycles of operation
Operating force:	18 21 N (depending on the switching element)
Operating Travel:	3 mm
Tightening torque:	Fixing nut max. 0.5 Nm
Terminal details 1:	The universal terminals permit these units to be mounted on printed circuit boards (PCB). These terminals can also be used as soldering or plug-in terminals. For these terminals we can also supply a plug-in base which, when soldered on to the board, enables the switch to be plugged in.
Weight:	0.015 kg
AMBIENT CONDITION	
IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	– 25 °C + 55 °C
Storage temperature:	– 40 °C + 85 °C
CERTIFICATE	
REACH:	REACH compliant
RoHS:	RoHS compliant
OTHER	
Short Description:	Actuator, $\emptyset$ 24,5 mm, Mushroom-head, Non illuminated, Red, Plastic, opaque, Round, 2 NC, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529, Twist to unlock
Housing colour:	Black
Hints:	Marking arrows
Wiring diagrams:	



## Mounting cut-outs:



### Dimension drawings:



A = Solder terminal B = Plug-in terminal 2.8 mm x 0.5 mm C = Universal terminal 2.0 mm x 0.5 mm