

Actuator

51-
041.006

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Farnell



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Your product:



51-041.006 Actuator

FRONT

Front dimension: 24 mm x 18 mm

Front form: Rectangular

MOUNTING

Design: Raised

Mounting type: Panel mounting

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current: 100 mA at 42 VAC/VDC

Electric strength: 2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15

MECHANICAL CHARACTERISTICS

Terminal: Universal terminal, 2 x 0.5 mm

Tightening torque: Fixing nut max. 0.5 Nm

Weight: 0.006 kg

AMBIENT CONDITION

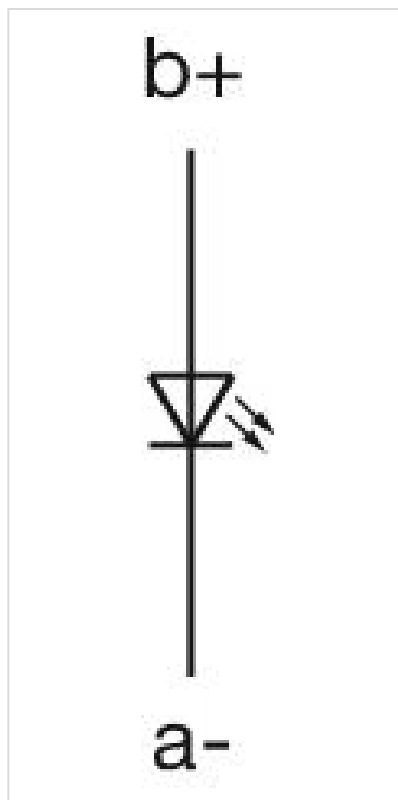
IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

CERTIFICATE

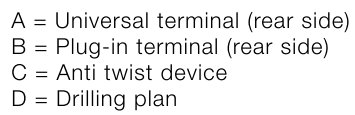
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Actuator, 24 mm x 18 mm, Rectangular, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529
Internal size:	21,5 mm x 15,3 mm
Housing colour:	Black
Wiring diagrams:	



Component layouts:



The drawing shows a shaft with a diameter of $\varnothing 16.2^{+0.2}_0$ mm. The keyway has a width of 18 mm and a depth of 1.7 mm. The key is 18 mm wide and 24 mm high. The drawing includes two sets of dimensions: one for a standard manufacturing process (24 min, 18x24) and one for a more precise process (18 min, 18x18/Ø18). The keyway is located 18 mm from the end of the shaft. The key is shown in two positions: one with a standard fit and one with a tighter fit (18 min, 18x18/Ø18).

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