

Actuator

51-
051.006

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Mouser



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Your product:



51-051.006 Actuator

FRONT

Front dimension:	18 mm x 18 mm
Front form:	Square

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

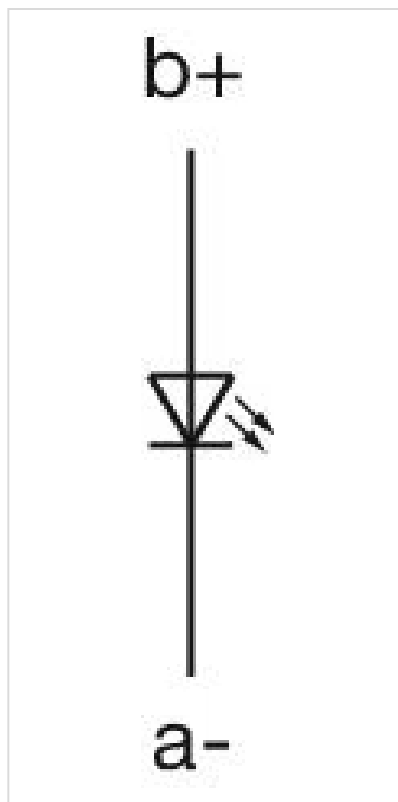
IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

CERTIFICATE

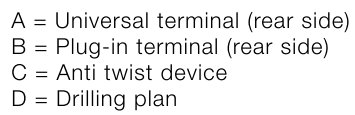
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Actuator, 18 mm x 18 mm, Square, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529
Internal size:	15,3 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 shaft is shown in two views: a front view (left) and a side view (right). The front view shows the shaft with a keyway of width 18 mm and a depth of 1.7 mm. The side view shows the shaft with a diameter of $\varnothing 16.2^{+0.2}_0$ mm and a keyway of width 18 mm and a depth of 1.7 mm. The dimensions are given with tolerances: 18 mm (18x24), 18 mm (18x18/018), 18 mm (18x18/018), 1.7 mm (1.7-0.1), and $\varnothing 16.2^{+0.2}_0$ mm.

Technical drawing of the 1000 series connector. The side view (left) shows a connector with a circular contact area labeled 'A'. Dimensions include a total length of 23 mm, a mounting hole diameter of 10.5 mm, and a contact area diameter of 1.5 mm. The end view (right) shows two configurations: one with a circular contact area labeled 'B' and a width of 26 mm, and another with a circular contact area labeled 'C' and a width of 32 mm. A small detail of a screw is shown below the 'C' view.

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