



E-SWITCH®

SERIES MDP-16 SWITCHES

PUSHBUTTON SWITCHES - MODULAR



SPECIFICATIONS

Contact Rating: 5A, 250VAC; 8A, 125VAC UL and VDE

Life Expectancy (Mechanical): 50,000 cycles

Life Expectancy (Electrical): 6,000 cycles

Contact Resistance: 100mΩ (initial max)

Insulation Resistance: 50MΩ @ 100V min.

Dielectric Strength: 2000VDC

Actuation Force: 500 grams SPDT
800 grams DPDT

Operating Temperature: -25°C to 55°C

Storage Temperature: -40°C to 70°C

FEATURES & BENEFITS

- ▶ Modular interface design
- ▶ Attractive front panel design
- ▶ Illuminated options available
- ▶ Robust product for industrial applications

APPLICATIONS/MARKETS

- ▶ Industrial controls
- ▶ Instrumentation
- ▶ Transportation
- ▶ Telecommunications

HOW TO ORDER

SERIES	FUNCTION STYLE	ACTUATOR CONFIGURATION	ACTUATOR STYLE	CIRCUIT CONFIGURATION	LAMP	ACTUATOR COLOR
MDP-16						
	EE = Latching OA = Momentary	R = Round S = Square T = Rectangular	1 = Low Bezel 2 = High Bezel 3 = Flush Mount 5 = Full Guard*	1 = SPDT 2 = DPDT	00 = None 01 = 6VAC Incandescent 02 = 14VAC Incandescent 03 = 28VAC Incandescent 04 = 48VAC Incandescent 05 = 60VAC Incandescent 06 = 48VDC Incandescent 07 = Neon 110VAC 08 = Neon 220VAC 09 = LED 6VDC 10 = LED 12VDC 11 = LED 24VDC	R = Red B = Blue G = Green O = Orange Y = Yellow W = White

* Note: Only offered in square

▶ ▶ ▶ Example Ordering Number
MDP-16-OA-S-5-2-09-R

Specifications subject to change without notice.

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

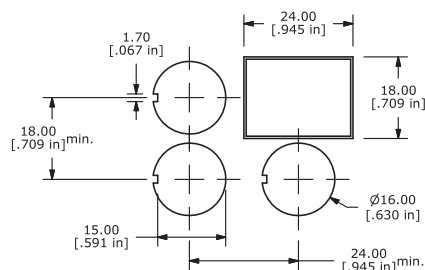
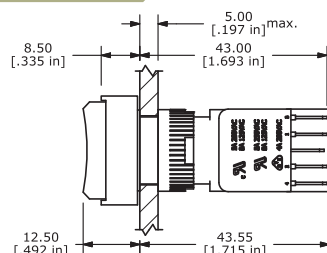
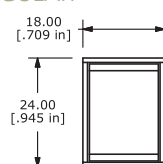
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SERIES MDP-16 SWITCHES

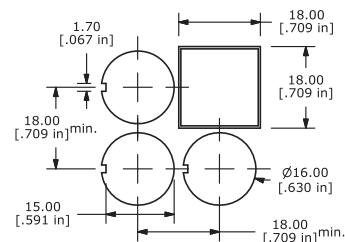
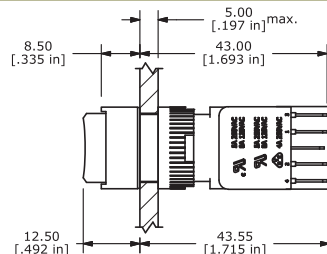
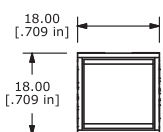
PUSHBUTTON SWITCHES - MODULAR

LOW BEZEL ACTUATOR STYLE

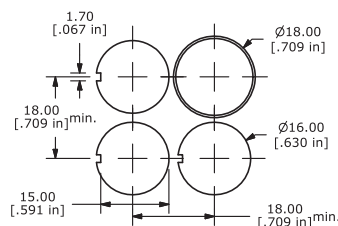
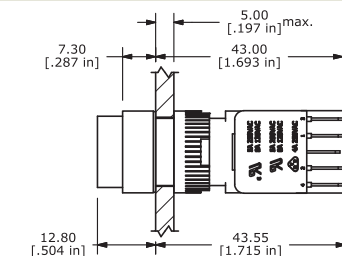
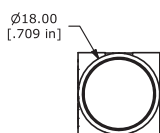
RECTANGULAR



SQUARE

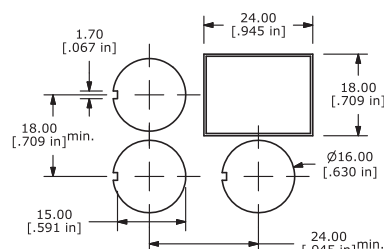
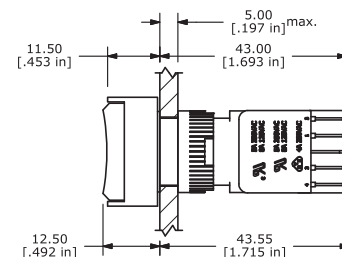
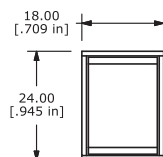


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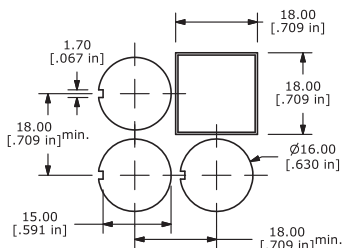
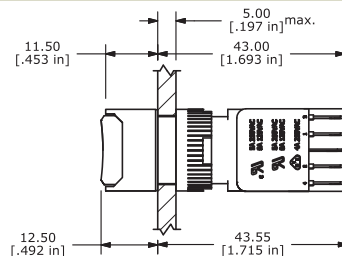
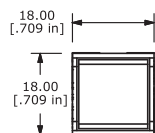


HIGH BEZEL ACTUATOR STYLE

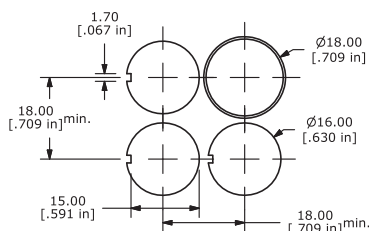
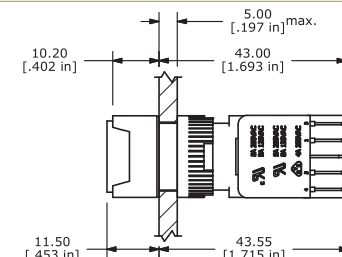
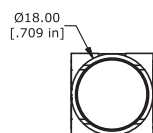
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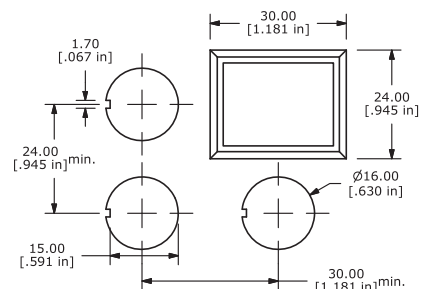
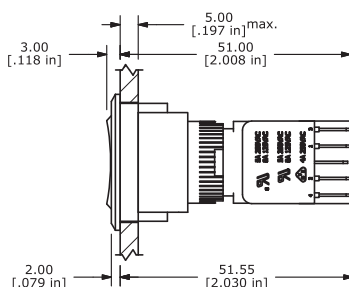
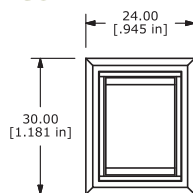
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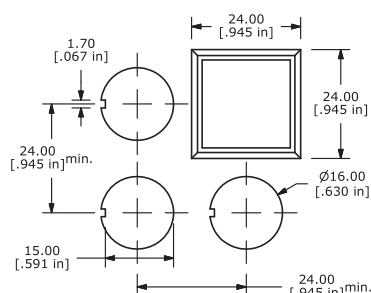
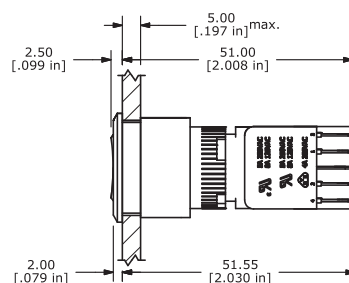
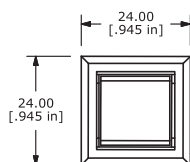


FLUSH MOUNT ACTUATOR STYLE

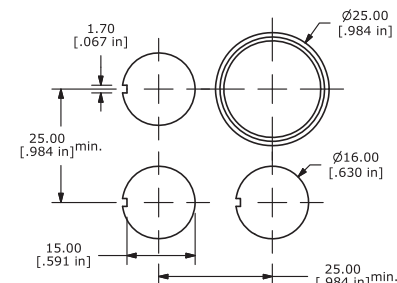
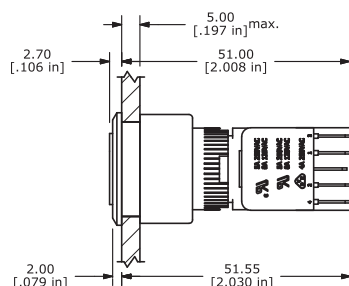
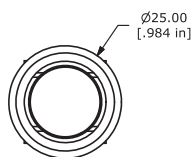
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SQUARE

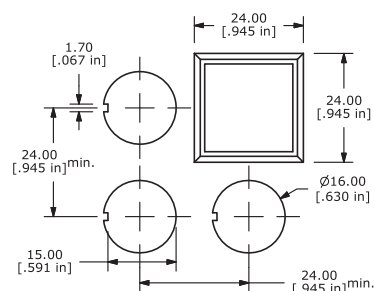
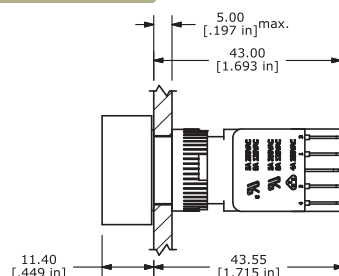
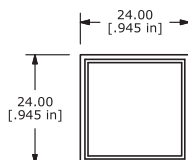


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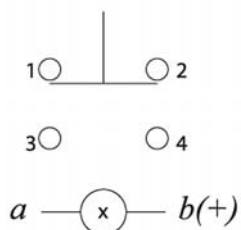
FULL GUARD ACTUATOR STYLE

SQUARE

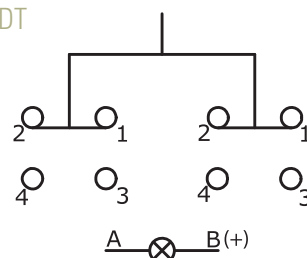


SCHEMATIC

SPDT



DPDT



Mouser Electronics

Authorized Distributor

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E-Switch:

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