

MX42 Series

TWINNED POLES ROCKER SWITCH CIRCUIT BREAKER



PELCO COMPONENT TECHNOLOGIES • 855 227 3526



MX42 Series twinned poles rocker switch circuit breakers are "snap-action", trip-free devices that combine reliable circuit protection, on/off power switching and optional indicator light into one compact design. The MX42 Series is about the size of a standard power switch and fits into most standard power switch cutouts.

The MX42 Series offers amperage ratings from 4A to 20A with options for lamp, markings and terminations.

EXAMPLES OF MX42 SERIES APPLICATIONS include:

- Fitness Equipment
- Food Processing
- Motors
- Multi-Outlet Power Strips
- Surge Protectors
- Office Equipment
- Transformers
- ...and many more

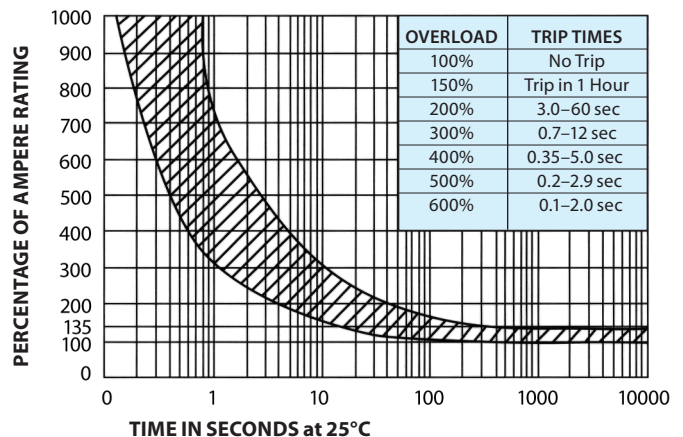
SPECIFICATIONS

- **Current and Voltage Ratings**
4A–20A, 125/250VAC 50/60Hz, 50VDC
- **Approvals**
4A-20A, 125/250VAC, UL, cUR, VDE, TUV
- **Calibration**
Will continuously carry 100% of rating.
Must trip at 150% of rating within one hour at 25°C
- **Dielectric Strength**
1500VAC at 50/60Hz for 1 minute
between all electrically isolated terminals
- **Insulation Resistance**
≥ 100MΩ at 500VDC
- **Endurance**
6000 operations at a rate of 6 operations per minute
- **Ambient operation**
Operates normally between -10°C and 85°C

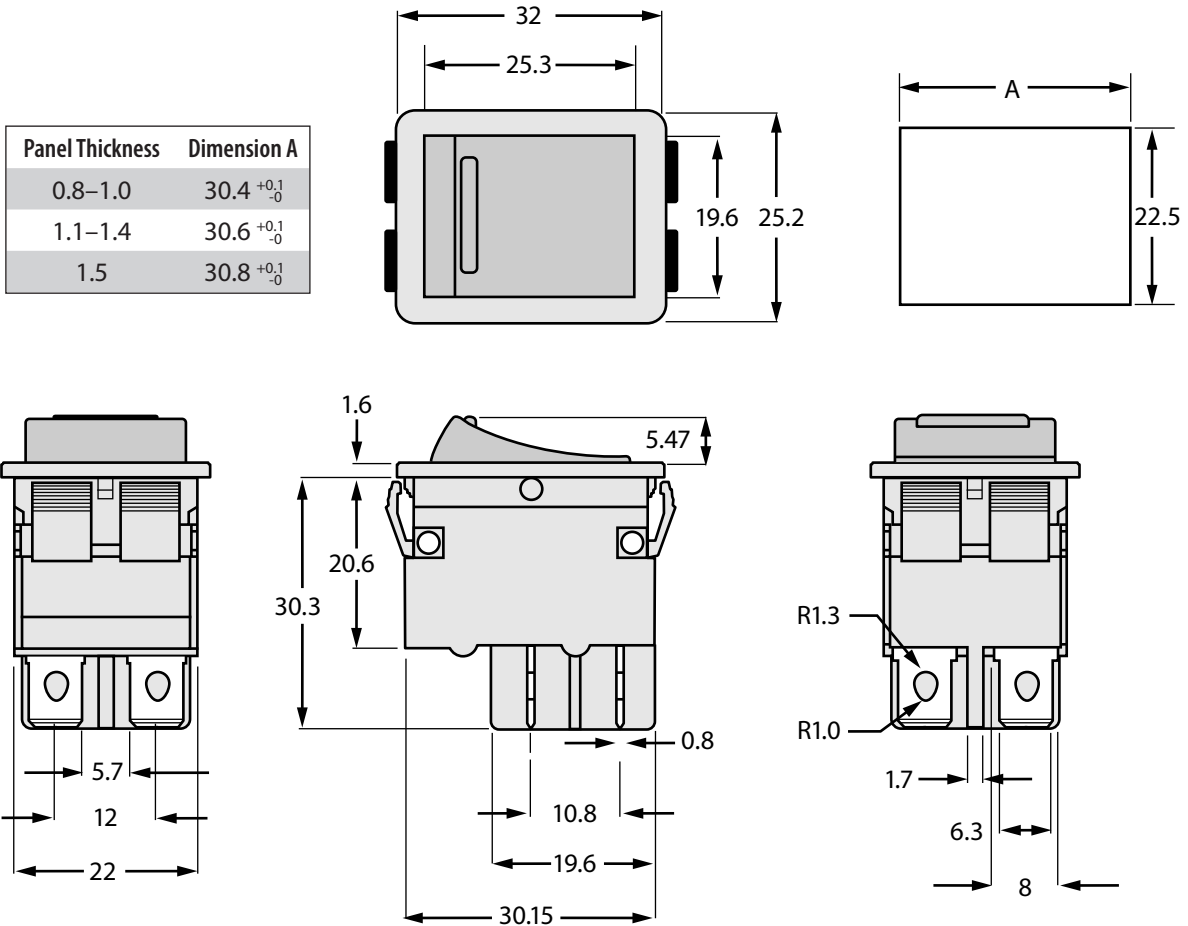
DERATING FACTORS for AMBIENT TEMPERATURE

Temperature	Current Rating 4A–20A
85°C	x 0.45
60°C	x 0.7
50°C	x 0.8
40°C	x 0.9
30°C	x 0.95
25°C	x 1.00
20°C	x 1.15
10°C	x 1.4
-10°C	x 1.65

TRIP TIME CURVE



DIMENSIONS in mm



OPTIONS SELECTION

Series	Amps	Volts	Terminal Style	Terminal #1 Left Side	Terminal #2 Right Side	Actuator Option	Base Color	Marking
MX42 Twinned Poles Rocker Switch Circuit Breakers	040 4A	A 125VAC C 250VAC	L Long	1 with Circuit Breaker 2 Switch Only	1 with Circuit Breaker 2 Switch Only	R Illuminated Red (with Lamp) E Non-Illuminated Red	1 Black	B Reset/Off
	050 5A							
	080 8A							
	100 10A							
	120 12A							
	150 15A							
	160 16A							
200 20A								

Example: **MX42 | 150 | A | L | 1 | 1 | E | 1 | B**

MX42, 15Amps, 125VoltsAC, Long terminals, #1 with Circuit Breaker, #2 with Circuit Breaker, Non-Illuminated Red Actuator, Black Base, Reset/Off Marking