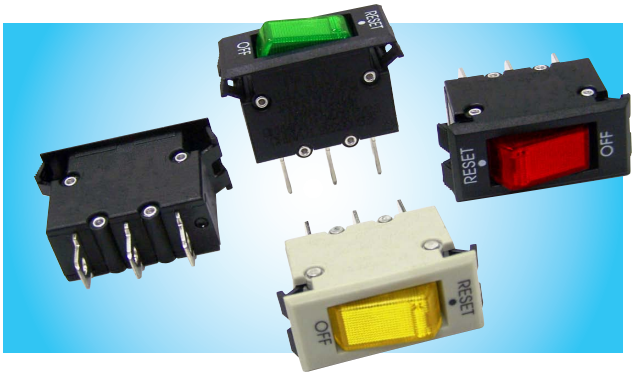
MX41 Series

MANUAL RESET ROCKER SWITCH CIRCUIT PROTECTOR

TRIMAX Circuit Protectors



MX41 Series rocker switch circuit protectors are "snap-action", trip-free devices that combine reliable circuit protection, on/off power switching and optional indicator light into one compact design. The MX41 Series is about the size of a standard power switch and fits into most standard power switch cutouts.

The MX41 Series offers amperage ratings from 5A to 15A with a variety of colors, markings and termination options.

EXAMPLES OF MX41 SERIES APPLICATIONS include:

- **Fitness Equipment**
- **Food Processing**
- **Motors**
- **Multi-Outlet Power Strips**
- **Office Equipment**
- **Transformers**
- **Wood Stoves**

...and many more

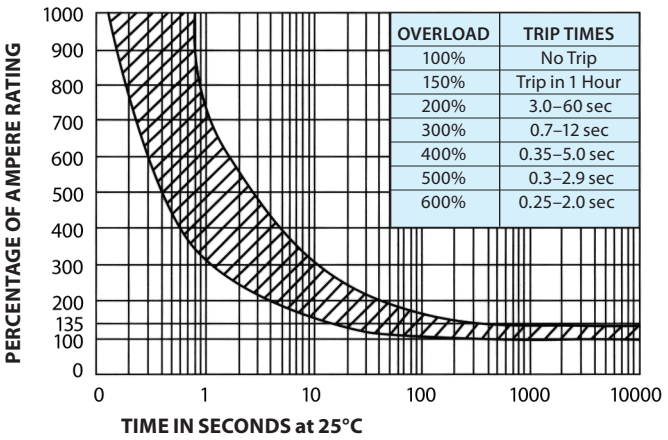
SPECIFICATIONS

- **Current and Voltage Ratings**
  3A–20A, 125/250VAC, 12/24VDC
- **Approvals**
  3A-20A, 125VAC, UL, CUL
  3A-16A, 250VAC, UL, CUL, VDE
- **Interrupt Capacity**
  1000A at 125VAC
- **Endurance Cycling**
  Electrical life: 6000 cycles (min.)
  Mechanical life: 10,000 cycles (min.)
- **Resettable Overload Capacity**
  10 times rated current
- **Dielectric Strength**
  1500VAC / 1 minute
- **Insulation Resistance**
  > 100MΩ at 500VDC
- **Voltage Drop**
  < 0.25V
- **Temperature Rise at Terminal Block**
  < 65°C with 100% of rated current applied continuously at 25°C
- **Base Material**
  Nylon 66 UL 94-V2
- **Actuator Material**
  Polycarbonate (PC) UL94-V2

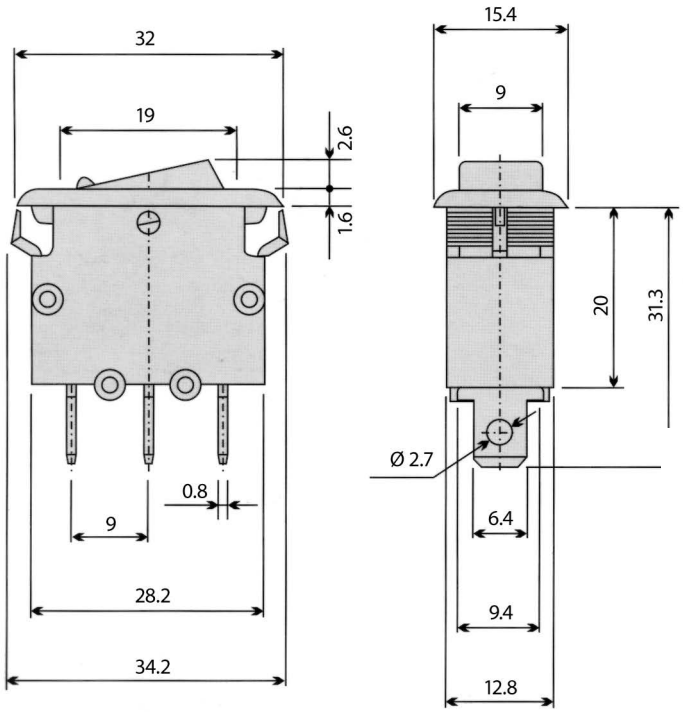
DERATING FACTORS for AMBIENT TEMPERATURE

Temperature	Current Rating 5A–15A
60°C	x 1.67
50°C	x 1.43
40°C	x 1.25
30°C	x 1.10
25°C	x 1.00
20°C	x 0.95
10°C	x 0.90

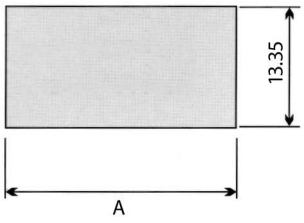
TRIP TIME CURVE



DIMENSIONS in mm

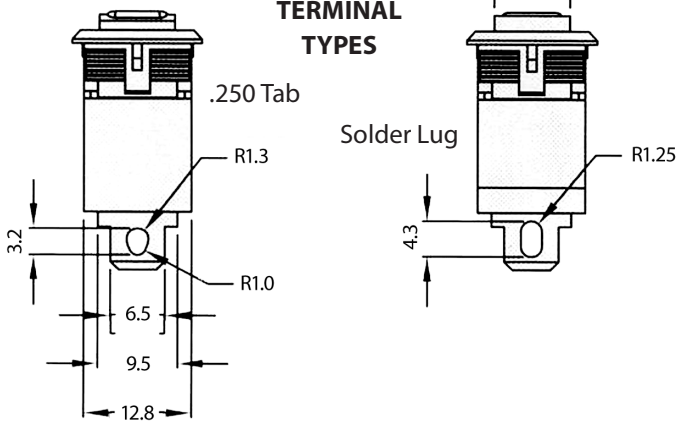


PANEL CUTOUT



Panel Thickness	Dimension A
0.8–1.0	28.4
1.1–1.4	28.8
1.5	29.0

TERMINAL TYPES



OPTIONS SELECTION

Series	Amps select by number	Volts select by letter	Terminals select by number	Actuator select by letter	Base Color select by number	Marking select by letter
MX41 Manual Reset Rocker Switch Circuit Protectors	**030** 3A **050** 5A **080** 8A **100** 10A **120** 12A **150** 15A **160** 16A **200** 20A	**A** 125VAC **B** 250VAC **C** 12VDC **D** 24VDC	**1** .250 Tab **2** Solder Lug	**A** Illuminated Amber **R** Illuminated Red **G** Illuminated Green **W** Non-Illuminated White **B** Non-Illuminated Black **E** Non-Illuminated Red **Y** Non-Illuminated Gray	**1** Black **2** White **3** Gray **4** Ivory	**A** None **B** Reset/Off

Example: MX41 | 150 | A | 2 | E | 3 | B

MX41, 15Amps, 125VoltsAC, Solder Lug terminals,
Non-Illuminated Red Actuator, Gray Base, Reset/Off Marking

TRIMAX Circuit Protectors
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