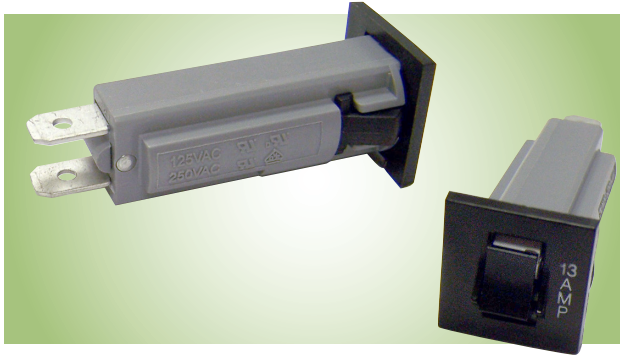


MX15 Series

MANUAL RESET CIRCUIT PROTECTOR



PELCO COMPONENT TECHNOLOGIES • 855 227 3526

EXAMPLES OF MX15 SERIES APPLICATIONS include:

- Audio Equipment
- Fitness Equipment
- Food Processing
- Household Appliances
- HVAC Equipment
- Instrumentation
- Vending Machines
- ...and many more

MX15 Series manual reset circuit protector is a unique, low-cost fuse holder replacement.

The MX15 offers a trip-free mechanism with “snap-action” circuit protection. The snap-in mounting feature fits a range of panel thicknesses from 1.0 to 3.0mm.

SPECIFICATIONS

■ Trip Time vs. Overload at 25°C

At 100% of rated current: no trip

0.25A to 2.5A May trip between 101%–149%

At 150% of rated current: trip within 1 hour

3.0A to 20A At 135% of rated current: trip within 1 hour

At 200% of rated current: trip within 1 minute

■ Current and Voltage Ratings

.25A–2.5A, 125/250VAC / 32VDC

3A–20A, 125/250VAC / 50VDC

■ Interrupt Capacity

0.25A to 2.5A 1000A at 250VAC, 200A at 32VDC

3.0A to 20A 1000A at 125VAC, 200A at 250VAC

■ Dielectric Strength

1500VAC / 1 minute

■ Overload Capacity

10 times rated current

■ Approvals

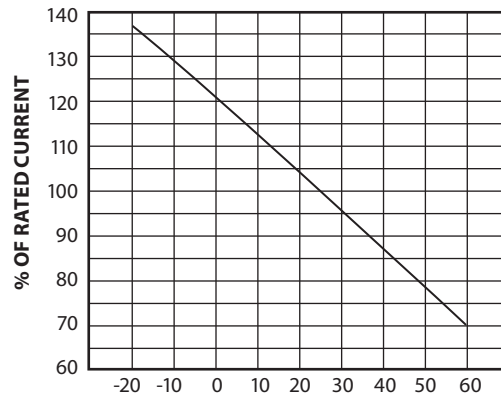
UL / CUL 0.25A–15A 125/250VAC

cUL / CNR 3A–15A 250VAC

VDE 3A–16A

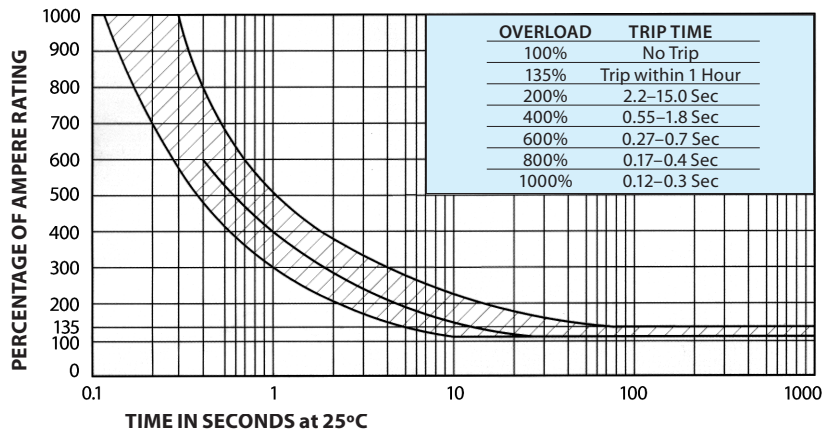
ROHS compliant

TEMPERATURE DERATING CURVE



AMBIENT TEMPERATURE IN DEGREES C

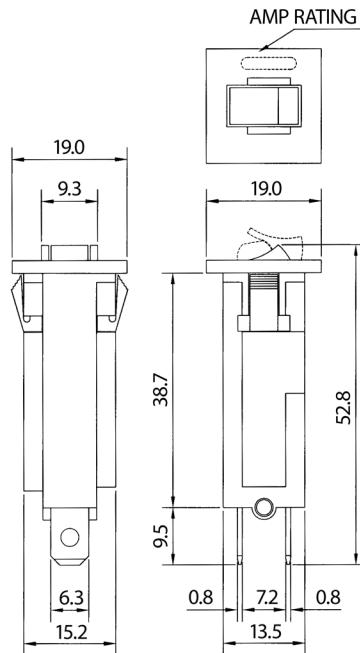
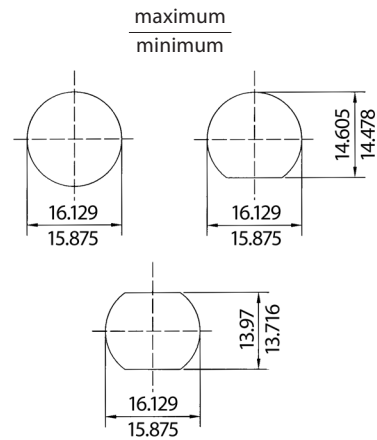
TRIP TIME CURVE $\geq 3A$



MAXIMUM INTERNAL RESISTANCE

3A	0.080Ω
4A	0.040Ω
5A	0.025Ω
6A–7A	0.020Ω
8A–9A	0.016Ω
10A–11A	0.012Ω
12A–13A	0.010Ω
14A–16A	0.008Ω

For 0.25–2.5A, contact factory

DIMENSIONS in mm

PANEL CUTOUTS

OPTIONS SELECTION

MX15 Manual Reset Circuit Protectors	0025	.25A
	0050	.50A
	0075	.75A
	0100	1.0A
	0125	1.25A
	0150	1.5A
	0175	1.75A
	0200	2.0A
	0225	2.25A
	0250	2.5A
	030	3.0A
	050	5.0A
	080	8.0A
	120	12.0A
	200	20.0A
	Special amperages available between 3A and 20A	
	A	125/250VAC/32VDC .25 to 2.5Amps
	A	125/250VAC/50VDC 3Amps and above

Example: **MX15** **030** **A**
MX15, 3Amps, 125/250VoltsAC / 50VoltsDC