



KLIXON® | C Series (CA, CM, CDA, CDM)

2 to 40 Amp Commercial Thermal Circuit Breaker

FEATURES

- 30VDC or 120VAC, 2 to 40 Amps
- Open and closed construction
- Automatic and manual reset options
- Ignition protected SAE J1171
- Weatherproof SAE J553
- UL Recognized E36869

DESCRIPTION

The KLIXON® C series thermal breakers are designed to protect wiring and meet the harshest environmental requirements. The C series closed construction circuit breakers are weatherproof sealed for protection against moisture, dust, grease, fuel vapors and other harsh environments. The C series breakers are compact, lightweight and designed to interrupt short circuits or overloads, and combine trip-free protection with fast response time. Typical applications are protection of wire cable of accessory circuits, equipment and battery protection in construction and off-road equipment, marine, recreational vehicles (RV's), mining, agricultural equipment and electric (hybrid) vehicles.

ORDERING INFORMATION

X - X - X

Configuration

- CA = Auto, open unit
- CM = Manual, open unit
- CDA = Auto, sealed unit
- CDM = Manual, sealed unit

Amp Rating

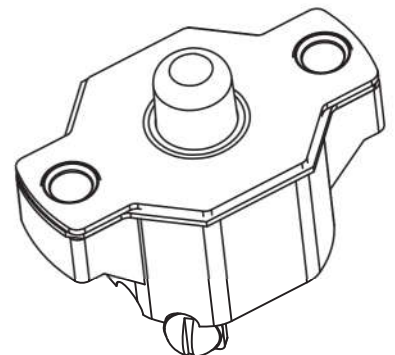
- (2, 3, 4, 5, 6, 8, 10, 12.5, 15, 17.5, 20, 25, 30, 35, 40)

Mounting Nuts

- = leave blank for none
- I = optional mounting nuts

PERFORMANCE CHARACTERISTICS

Calibration : 200% rated current, 77°F (25°C)	2 to 10 amps : 20 to 150 seconds 12.5 to 40 amps : 5 to 55 seconds
Ultimate Trip at 77°F (25°C)	Must hold 100%, Must trip 135%
Endurance	Per SAE J553
Interrupt Current Capacity	Per SAE J553 and ABYC E-11
Vibration	10G MIL-STD-202 Method 204, Condition A
Salt Spray	MIL-STD-202 Method 101D (sealed only)
Dielectric Strength	MIL-STD-202 Method 301, 1500VAC min
Insulation Resistance	MIL-STD-202 Method 302, Condition B, 100 MΩ min
Weight (with mounting nuts)	CDM: 48 grams max CDA: 41 grams max CM : 37 grams max CA : 32 grams max



DIMENSIONS

INCHES [MM]

