

3P Series Molded Case Circuit Breakers Overview

Overview

Designed to provide branch and feeder circuit protection in industrial control panels, this line of Molded Case Circuit Breakers supplies protection against overload in conductors and short circuit in connected equipment such as motors. They are UL listed for installation in UL 508 control panels. Their small size, in relation to standard circuit breakers or other comparable devices, saves panel space. Four frame sizes and all standard accessories are available.

Listings

- UL 489 MCCB, File: E7819
- Field-installed accessories:
UL file E64983
- CSA 22.2 No.5, File: 43556
- IEC 157-1
- NEMA Standards Pub. No. AB1-1993

Features

- UL489 listed performance for branch circuit overcurrent protection and disconnecting means
- Patented contact conductor designs featuring high-speed “blow-open” action, providing superior performance when high level fault currents produce extra-ordinary electromechanical forces
- Advanced arc extinguishing technology
- Toggle handle provides three positions (on/off/tripped) along with visual indicators
- Manufactured in ISO 9000 certified facilities
- HACR (heating, air conditioning and refrigeration) rated
- G-Frame and F-Frame breakers are suitable for reverse feed
- K-Frame and L-Frame breakers include 3-pole adjustable magnetic trip.



Manufactured by Eaton Corporation

Note: These parts available for sale to North American locations only.

Molded Case Circuit Breakers Technical Specifications										
Circuit Breaker Type	Ampere Rating at 40°C	No. Poles	Volts		Type of Trip *	Federal Specification W-C-375b	UL 489 Interrupting Ratings (rms Symmetrical Amperes) (kA)			
			AC	DC			Volts AC (50/60 Hz)			Volts DC
							240	480	600	
G-Frame	15 -100	3	480	250	N.I.T.U	13b	65	22	—	10
F-Frame	60 - 225	3	600	250	N.I.T.U	22a	65	35	18	10
K-Frame	250 - 400	3	600	250	I.T.U	23a	65	35	25	10
L-Frame	400 - 600	3	600	250	I.T.U	23a	65	35	25	22

*Note: N.I.T.U denotes non-interchangeable trip unit. I.T.U denotes interchangeable trip unit.

**Note: For DC or 1-phase AC applications, use the two outside poles of the 3-pole circuit breaker

Molded Case Circuit Breakers Part Numbering System

