

Thermal Adjustable Molded Case Circuit Breaker

These thermal adjustable molded case circuit breakers (MCCB) provide overload and short-circuit protection. The adjustable thermal settings make these MCCBs ideal for a variety of distribution applications.



ADDITIONAL IMAGES



Overview

Thermal Adjustable MCCB Series

The DAM1 series of thermal adjustable molded case circuit breakers (MCCB) are engineered to meet global standards for electrical distribution protection. These units offer reliable overload and short-circuit protection across a wide range of applications, featuring adjustable thermal settings from 70% to 100% of the nominal current. Designed for flexibility and longevity, they are available in multiple frame sizes with both three-pole and four-pole configurations.

Certifications & Standards

Compliance CE, CB, ASTA, KEMA, SEMKO, ROHS

Technical Specifications

Rated Operational Voltage (Ue)	400/415V AC
Rated Insulation Voltage (Ui)	690 V
Current Range	16A to 1600A
Adjustable Thermal Setting	70-100% In
Impulse Withstand Voltage (Uimp)	8 kV

Performance Metrics

Endurance and Category Data

Model	Poles	Total Cycles	Mech. Life
DAM1-160	3P/4P	8000	7000
DAM1-250	3P/4P	8000	7000
DAM1-630	3P/4P	5000	4000

Key Features

Advantages

- Compact dimensions
- Push to trip button provision
- Separate main and arcing contacts
- Wide range of accessories available