

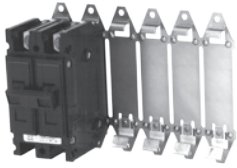
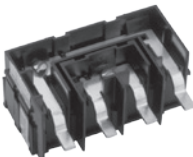


UL 489 Cable-In / Cable-Out Branch Circuit Breaker

QC Circuit Breakers

ACCESSORIES

Type QC Miniature Circuit Breakers

Accessories (Continued)

	Accessory ①	Description	Catalog Number
 <p>QC6BP</p>	Mounting hardware	QUICKLAG base mounting plate—six poles total	QC6BP
		QUICKLAG Type C base mounting plate—six poles total— heavy-duty screw-secured	QC6BPS
		QUICKLAG Type C (QCD) two-way jumper unit with cover	QCDJ2
		QUICKLAG Type C (QCD) four-way jumper unit with cover	QCDJ4
		QUICKLAG Type C (QCD) six-way jumper unit with cover	QCDJ6
		QUICKLAG Type C (QCD) two-way jumper unit, no cover	QCDJ2T
		QUICKLAG Type C (QCD) four-way jumper unit, no cover	QCDJ4T
		QUICKLAG Type C (QCD) six-way jumper unit, no cover	QCDJ6T
		QUICKLAG Type QCD finger protection attachment	QCDFP
		QUICKLAG Type C DIN rail adapter	QCDINADAPT
 <p>QCDJ4</p>			
 <p>QCDINADAPT</p>			
 <p>QCDFP</p>			

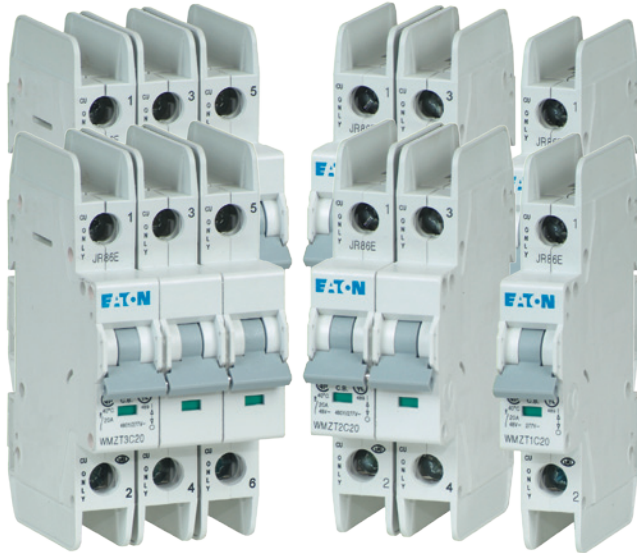
① See page 5 for QCR and QCF accessories.

UL 489 Cable-In / Cable-Out Branch Circuit Breaker

WMZ Circuit Breakers

PRODUCT OVERVIEW

Optimum and Efficient Protection



Optimum product quality, tested reliability and safety standards for best protection of personnel, installations and plant. Eaton's WMZ DIN rail mountable circuit breaker is designed for use in branch service applications.

Powerful Offering for Machine and System Builders

The WMZ is available with C and D characteristics in accordance with UL 489, CSA C22.2 No.5; UL 1077, CSA C22.2 No.235 and IEC 60947-2. These devices are CE marked.

Typical Applications

Feeder and Branch Circuit Protection

- Convenience receptacle circuits (internal/external)
- Motor control circuits
- Load circuits leaving the equipment (external)
- HACR equipment (heating, air conditioning, refrigeration) (internal/external)
- PLC I/O points
- Computers
- Power supplies
- Control instrumentation
- Relays
- UPS
- Power conditioners

Features

- Complete range of UL 489 listed DIN rail mounted miniature circuit breakers up to 40A current rating
- Standard ratings of 10 kAIC at 277/480 Vac
- Select amperages available at 14 kAIC at 277/480 Vac and 10 kAIC at 125 Vdc
- Current limiting design provides fast short-circuit interruption that reduces the let-through energy, which can damage the circuit
- Suitable for branch circuit device protection
- Thermal-magnetic overcurrent protection
 - Two levels of short-circuit protection, categorized by C and D curves
- Trip-free design—breaker can not be defeated by holding the handle in the ON position
- Captive screws cannot be lost
- SWD (switching duty)—suitable for switching fluorescent lighting loads ($I_n \leq 20A$)
- Fulfill UL 489, CSA C22.2 No.5 and also IEC 60947-2 Standard
- For use in applications for which UL 1077 or CSA C22.2 No.235 are also allowed
- Field-installable shunt trip and auxiliary switch subsequent mounting
- Separate version for ring-tongue connection (Type WMZT....T), terminal screws can be removed (on both sides)
- Module width of only 17.7 mm (per pole)
- Contact Position Indicator (red/green)
- Easy installation on DIN rail
- Possibility for sealing the toggle in ON or OFF position

WMZ Complies with the Latest National and International Standards

Standards—Feeder and Branch Circuit Protection

UL 489

Standard for molded-case circuit breakers (MCCB) for feeder and branch circuit protection.

Products meet the requirements of the National Electrical Code® (NEC®).



CSA C22.2 No.5

Standard for molded-case circuit breakers (MCCB) for feeder and branch circuit protection (corresponds closely to UL 489 Standard).

Products meet the requirements of the Canadian Electrical Code (CEC).



RoHS

These devices are RoHS compliant.



UL 489 Cable-In / Cable-Out Branch Circuit Breaker

WMZ Circuit Breakers

PRODUCT SELECTION

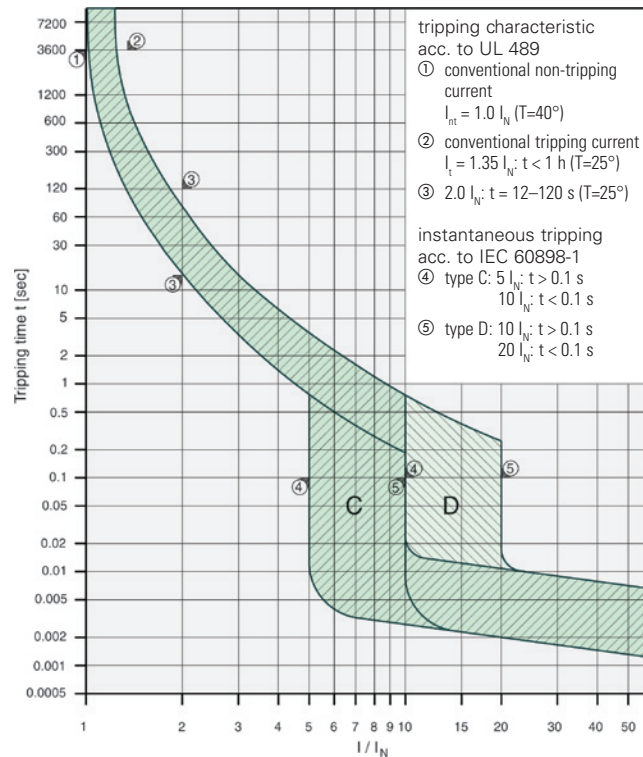
Tripping Curves to Choose From

Eaton WMZ branch circuit breakers are available with "C" and "D" tripping characteristics.

C-curve devices are suitable for applications where medium levels of inrush current are expected. Applications include small transformers, lighting, pilot devices, control circuits and coils. C-curve devices provide a medium magnetic trip point.

D-curve devices are suitable for applications where high levels of inrush current are expected. The high magnetic trip point prevents nuisance tripping in high inductive applications such as motors, transformers and power supplies.

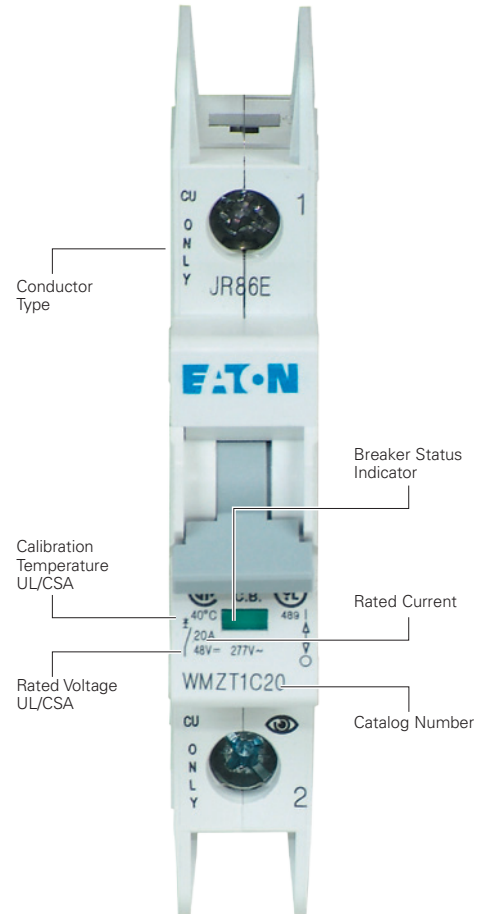
Eaton WMZ devices are current limiting, which means they interrupt fault currents within one half cycle of the fault. Current limiting devices offer superior protection by reducing peak let-through current and energy.



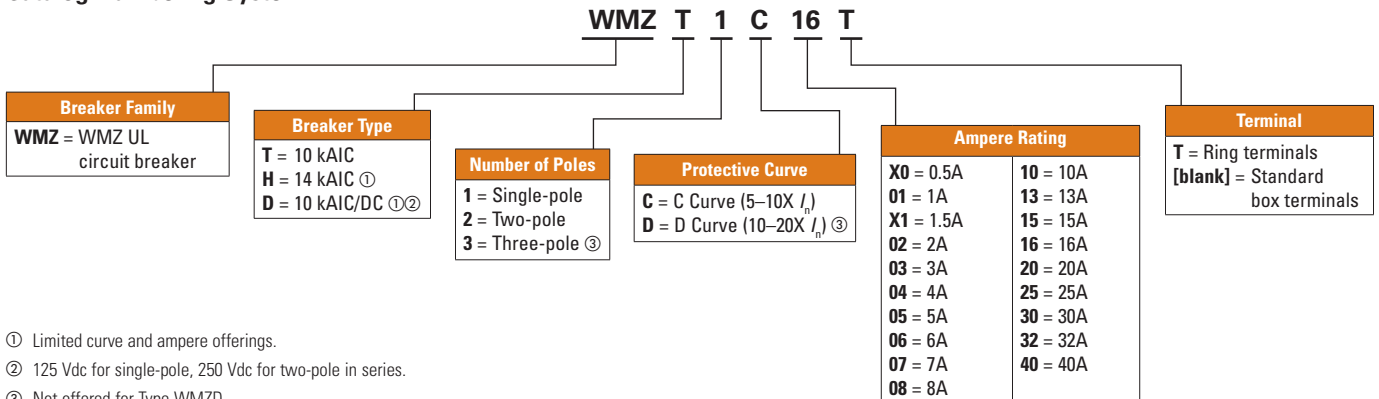
Device Printing on Front and Side

Installation options

These branch circuit breakers are available in two terminal configurations: standard box terminals that accept multiple conductors and ring-tongue terminals, ideally suited to demanding requirements of the semi-conductor industry. All breakers mount on standard 35 mm DIN rail. Bus connectors and feeder terminal facilitate mounting and wiring of multiple miniature circuit breaker arrays in control panel assemblies. These circuit breakers can also be reverse feed.



Catalog Numbering System



① Limited curve and ampere offerings.

② 125 Vdc for single-pole, 250 Vdc for two-pole in series.

③ Not offered for Type WMZD.