



**Our defense is
your best offense.**

When Power Defense MCCBs safeguard your structure's power system, you are getting the latest protection technology, engineered for the future: Industry 4.0 features such as built-in communications, advanced energy metering, and algorithms that notify you when your circuit breaker needs maintenance; zone selective interlock technology that clears faults quickly and locally, preventing propagation into your system; ArcFlash reduction options that help protect your people with the fastest tripping speed technology. Not to mention Eaton's best-in-class support and service. You are freeing yourself and your customers from concerns, and gaining the sort of assurance that allows your people to move and plan with confidence. That's why our defense is your best offense.

Power Defense molded case circuit breakers, a globally rated platform from Eaton.

**Power
Defense**



A globally rated platform from Eaton.

For more information, call 1-877-ETN-CARE (1-877-386-2273),
or visit <http://www.eaton.com/powerdefense>.



Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
[Eaton.com](http://www.eaton.com)

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Printed in USA
Publication No. BR012008EN
September 2017

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Power Defense™ Molded Case Circuit Breakers

What will you build? And how will you defend it?



**Power
Defense**

A globally rated platform from Eaton.

Some people see “what could be”: they look at an empty lot, an outdated factory, a blank screen, and see what can be created through hard thinking and harder work. These people are the makers. The builders. The creators.

Eaton will help you protect your creations with our new, globally rated Power Defense™ molded case circuit breakers (MCCB). Whether you’re building production capacity or a legacy, the green factory of the future or the newest high rise on the next horizon, Power Defense MCCBs will serve as guardian and protector as your ideas are realized in concrete and steel.

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PROTECTED

ArcFlash Reduction Maintenance System™ **helps protect workers by reducing dangerous and potential arc flash** incident energy levels, and enabling workers to activate this system from a safe distance without altering critical protection settings of the breaker.

Zone Selective Interlock (ZSI) technology **protects equipment** by intelligently selecting faster trip times in coordinated systems, an advantage which can **keep operators safe and productive**. Power Defense MCCBs advance this proven technology by providing the ability to test the ZSI system functionality while visually indicating its operational status.

Power Xpert® Release (PXR) electronic trip units are equipped with the latest microprocessor technology including **advanced algorithms** that notify you when your power distribution system needs to be maintained or replaced. PXR trip units also offer programmable relay alarms, which provide situational awareness to preempt impending system failures, **keeping your facility on-line, safe, and productive**.



CONNECTED

Power Defense MCCBs with Power Xpert Release electronic trip units feature **built-in communications** allowing you to use fewer components and a **simplified design** while keeping your system connected, and customers informed. With the optional second independent communications channel through an external module, you have unprecedented connectivity options.

The PXR trip unit family has models that will cover all of your needs, including fully programmable models that enable **ultimate customizability and flexibility**, as well as value models that offer all of the benefits of electronic trip units, with simple set up and coordination.

PXR technology provides the embedded ability to accurately measure energy consumption with no additional meters or equipment, **delivering critical data** about your power distribution system and energy use in your facility. PXR trip units time-stamp captured events, and store critical data and waveforms associated with each event for **fault analysis and forensic timeline reconstruction**.



GLOBAL

Power Defense MCCBs are **globally certified** to meet your local requirements while empowering you to build and design systems that can be used anywhere in the world. Wherever Eaton does business, Power Defense MCCBs are there, backed by Eaton’s **global support** and fulfillment network, with the right resources in place to minimize your project lead-time and maximize your uptime.

Integrating new products can be a challenge, which is why the Power Defense MCCBs are available with online instructions, support, and product selector: **these tools help you engineer and deliver your projects quickly, ultimately improving your bottom line**.