

Medium voltage fuses

BUSSMANN
SERIES

Industry's most comprehensive medium voltage circuit protection



Powering Business Worldwide

We have your solution

For over 100 years, Bussmann™ series fuses have provided superior circuit protection, enhanced safety and reliable service.

As the leaders in circuit protection, we've now expanded our medium voltage fuse portfolio. Our offering now includes a fusible solution for virtually every medium voltage application with our current-limiting E-Rated, R-Rated and PT fuses.

Application

We offer current-limiting E-Rated, R-Rated and PT medium voltage fuses to protect motors, switchgear, transformers, small power and control transformers, and feeder circuits— enabling us to provide a specialized solution for your unique application.

Available types

What's more, our offering covers a wide range of physical sizes and construction types. From our standard CLE ferrule fuses to our HCL clip-lock mounted fuses, we have a solution for your needs.

Ratings and features

Additionally, a wide range of voltages and ampacities are available that span 2.4 kV to 38 kV and 1 to 1350 amps. From our 0.5 amp PT fuses to our quad-barrel 1350 amp E-Rated fuse, we can provide the level of protection needed.

Choose from fuses for both indoor and outdoor circuit protection, with or without indication and even featuring a hermetically sealed fuse body.

Accessories

Our E-Rated, R-Rated and PT medium voltage fuse portfolio is rounded out with fuse mountings that are available in either disconnect or non-disconnect designs and fuseclips for a more flexible equipment design. A microswitch for remote indication is also available for all E-Rated and R-Rated fuses.

Visit Eaton.com/bussmannseries for more information on our complete portfolio of medium voltage fuses.

E-Rated medium voltage fuses

2.75 kV - 15.5 kV



Our general purpose and full range E-Rated, current-limiting medium voltage fuses are designed for feeder circuit, switchgear and transformer protection. Construction types include ferrule, bolt-on and clip lock, with special application fuses available for use with AMPGARD® motor starters. The ferrule fuses are available in a range of sizes to meet standard industry specifications. Additionally, fuseclips are available as well as mountings in disconnect and non-disconnect versions with insulation material options to achieve various voltage BIL ratings.

All of our E-Rated medium voltage fuses include open fuse indication with available microswitch for remote indication to speed troubleshooting and indoor/outdoor ratings are available on select fuses.

R-Rated medium voltage fuses

2.4 kV - 7.2 kV



Our R-Rated, current-limiting medium voltage fuses are backup fuses suitable for indoor and outdoor use in applications where it is necessary to limit short-circuit currents on high capacity systems. They are typically used to protect medium voltage drives and starters.

Construction types include ferrule and bolt-on, with special application ferrule and hermetically sealed fuses available for use with motor starters and motor controls, including AMPGARD motor starters. Both fuse mountings and fuseclips are available.

All of our R-Rated medium voltage fuses include open fuse indication with available microswitch for remote indication to speed troubleshooting.

PT medium voltage fuses

2.475 kV - 38 kV

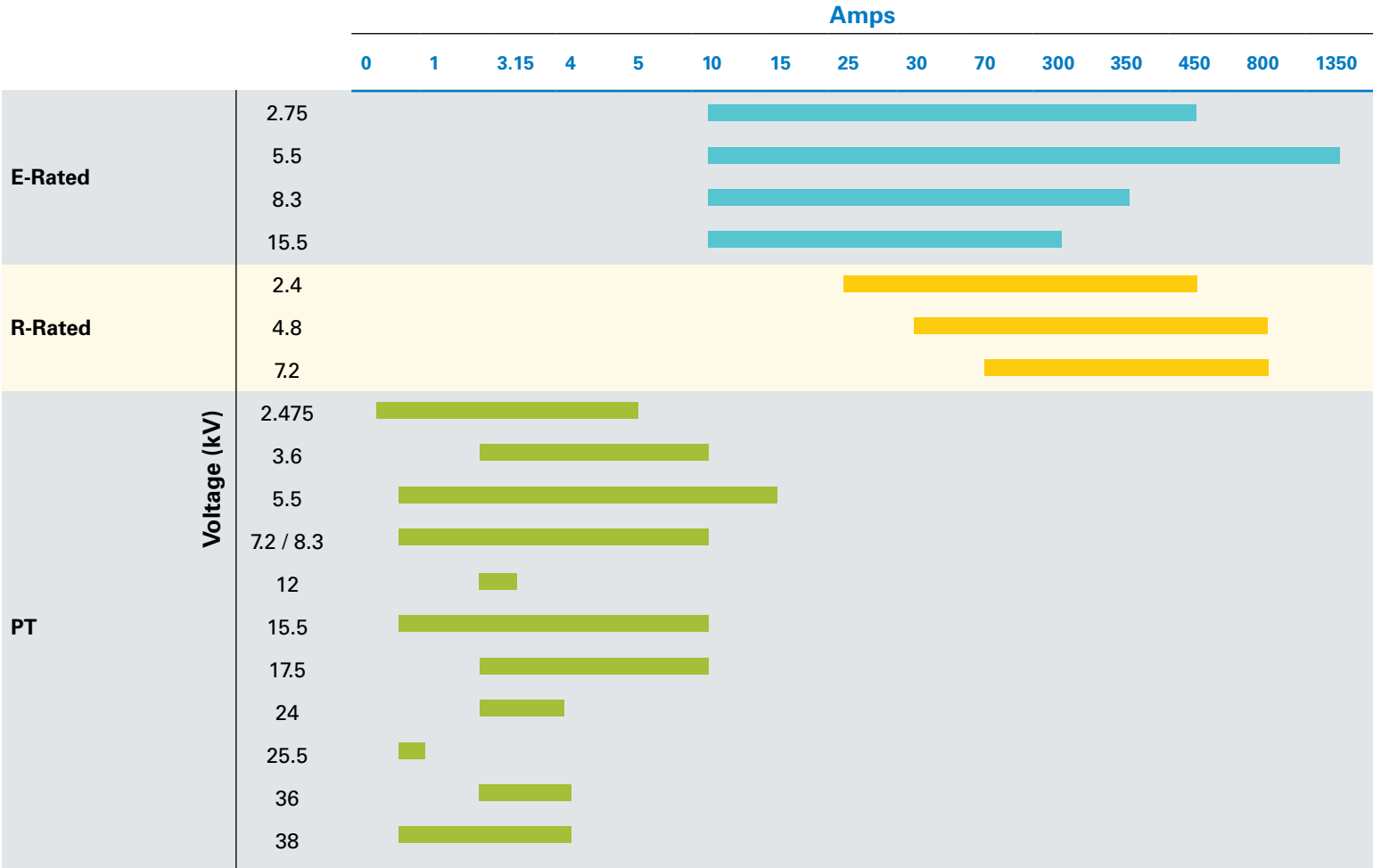


Our general purpose PT, current-limiting medium voltage fuses are designed for the protection of potential and small power transformers. Our offering includes both indicating and non-indicating versions, all of which are self-contained and non-venting for installation indoors and outdoors in an enclosure. Their space-saving size lends flexibility to the design of new equipment while the breadth of available fuses simplifies installation in existing equipment.

Although all of our PT fuses are ferrule construction, we offer a variety of physical sizes according to standard industry specifications, which provides enhanced flexibility.

Many of our PT medium voltage fuses include open fuse indication to speed troubleshooting. Additionally, fuseclips or fuse mountings are available for all versions.

Portfolio of E-Rated, R-Rated and PT medium voltage fuses



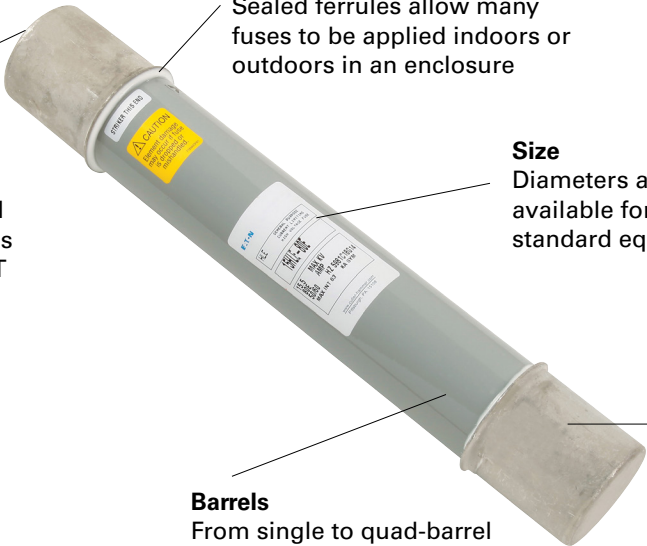
Indication
Indication standard for all E-Rated and R-Rated fuses and available on many PT fuses

Indoor/outdoor use
Sealed ferrules allow many fuses to be applied indoors or outdoors in an enclosure

Size
Diameters and clip centers available for all industry standard equipment sizes

Construction types
Ferrule, bolt-on, clip-lock, AMPGARD, Limitamp® and hermetically sealed construction types

Barrels
From single to quad-barrel



We make what matters work*

* At Eaton, we know that power is a fundamental part of just about everything people do. That's why we're dedicated to improving people's lives and the environment with power management technologies that are more reliable, efficient, safe and sustainable. Because that's what really matters. And we're here to make sure it works.

Eaton.com/WhatMatters

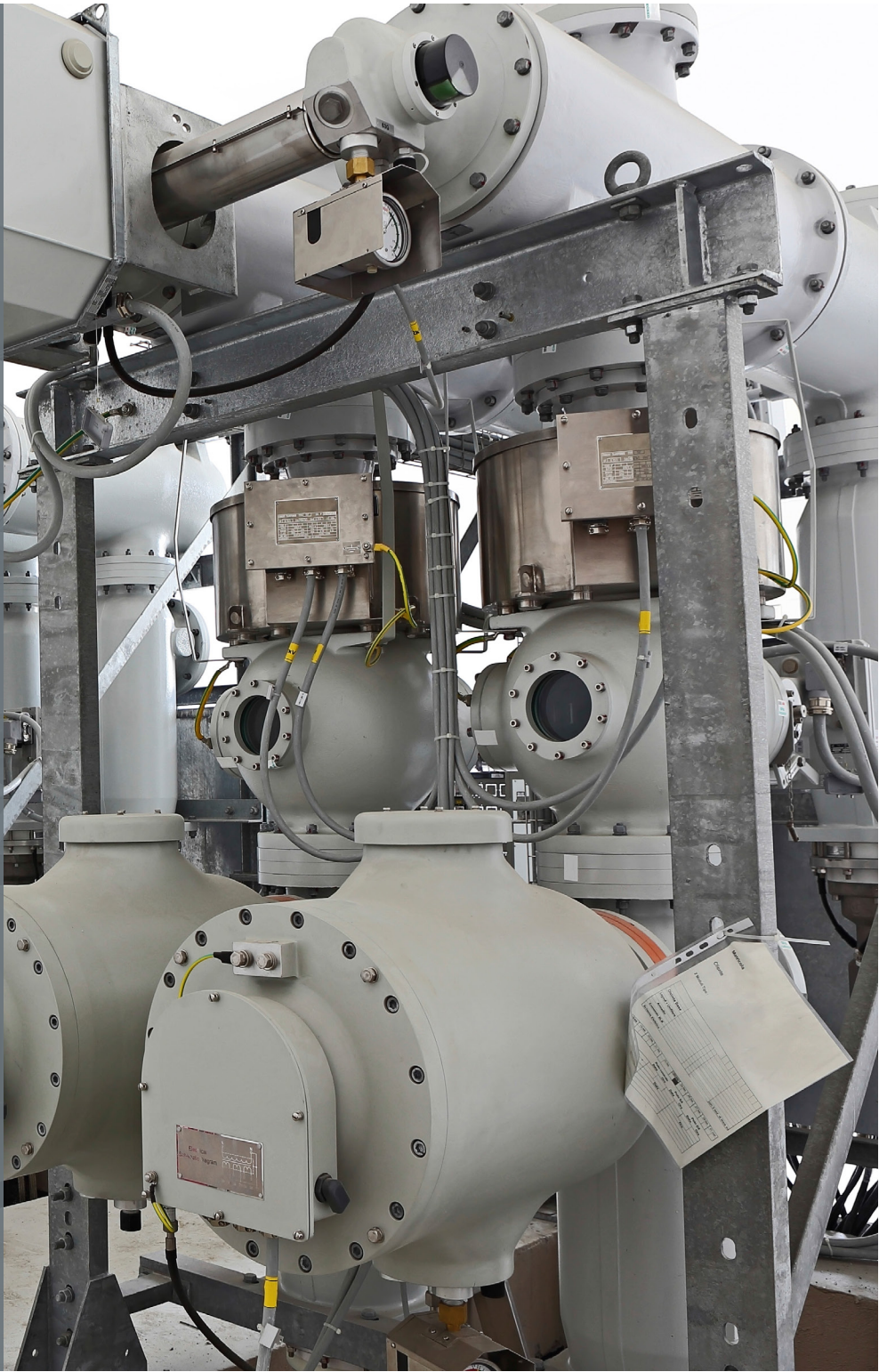
Problem solver

A global electrical Original Equipment Manufacturer (OEM) approached a local Bussmann series product field application engineer about medium voltage circuit protection needs.

The OEM was seeking a single medium voltage fuse supplier who had a diverse offering to accommodate all of their switchgear and motor control/starter product lines. Additionally, they required qualified custom products and a supplier that could meet that need within a tight deadline.

With the newly expanded offering of current-limiting fuses, they turned to Eaton's Bussmann Division as a one-stop shop for all their current-limiting medium voltage fuse applications.

Our team was able to provide a custom configuration of R-Rated fuses to meet their performance and cost objectives. Furthermore, our standard E-Rated and PT fuses provided a drop-in solution for their legacy designs.



Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Bussmann Division
114 Old State Road
Ellisville, MO 63021
United States
Eaton.com/bussmannseries

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