



Use Case

Commercial Appliances



## Eaton provides critical circuit protection solution for commercial appliances

As technology and modern electrical equipment in commercial appliances improve, the need for proper circuit protection for multiple environments increases substantially. For manufacturers, choosing the correct fuse and fuse holder for commercial or industrial equipment is critical for maintaining the safety and reliability of their products by protecting them from overload conditions and short circuits.

Eaton designed a higher voltage in-line fuse and fuse holder that can be integrated into a UL listed assembly without the testing often required of non-UL certified products. Eaton's [HFA fuse holder](#) is the ideal solution for commercial appliances since it supports ¼" to 1 ¼" fuses with up to a 250 V voltage rating and a 20 A current rating, is UL

recognized, and uses UL listed fuses (MDA, ABC, AGC, MDL).

The HFA product is IP64 rated which meets the environmental requirements of being dust tight and water resistant allowing placement in wet and dusty applications. The UR of the fuse holder and the UL listing of the associated fuse allowed the HFA and fuse to be quickly integrated into the assembly without extra testing required of other fuse holders.

Since the HFA is an in-line fuse holder that is water-resistant and dust tight (IP64 rated), it allows designers and manufacturers to provide one solution for multiple environments. It also provides flexibility as it can be installed in-line on the line side of the equipment for easy fuse replacement.

Eaton's HFA fuse holder and fuses provide short circuit protection that can withstand multiple installed environments. Additionally, manufacturers can quickly UL list their assembly and provide flexible circuit protection based on their customers' power requirements.

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