

# Eaton's UL Listed fuses

Eaton Electronics is dedicated to delivering safe and reliable products that operate precisely as intended to meet the agency requirements and international standards (IEC, UL, etc.).

The UL Listing is a global certification that evaluates, and tests electronic components to meet their rigorous safety standards.

Eaton's UL Listed fuses are a testament to this commitment, complying with strict industry safety and performance requirements, ensuring that they can be seamlessly integrated into a wide range of electronic systems.



IEC Versus UL Standards (European Fuse Standards Bear Little Similarity to Those Of the United States & Canada)											
% of fuse rating	Ampere range	UL & CSA STD 248-14				IEC 60127 Part 2					
		Fast-acting fuses		Time-delay fuses		Sheet 1 Fast-Acting fuses		Sheet 2 Fast-Acting fuses		Sheet 3 Time-delay fuses	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
110%	0 - 30 A	Cont.	-	Cont.	-	-	-	-	-	-	-
135%	0 - 30 A	-	1 hr.	-	1 hr.	-	-	-	-	-	-
150%	32 mA - 6.3 A	-	-	-	-	1 hr.	-	1 hr.	-	1 hr.	-
200%	0 - 3.0 A	-	2 min.	5 sec.	2 min.	-	-	-	-	-	-
	3.1 - 30 A	-	2 min.	12 sec.	2 min.	-	-	-	-	-	-
210%	32 mA - 6.3 A	-	-	-	-	-	30 min.	-	30 min.	-	30 min.
275%	32 mA - 3.9 A	-	-	-	-	0.01 sec.	2 sec.	-	-	-	-
	4 A - 6.3 A	-	-	-	-	0.01 sec.	3 sec.	-	-	-	-
	32 - 100 mA	-	-	-	-	-	-	0.01 sec.	0.5 sec.	0.2 sec.	10 sec.
	125 mA - 6.3 A	-	-	-	-	-	-	0.05 sec.	2 sec.	0.6 sec.	10 sec.
400%	32 - 100 mA	-	-	-	-	0.003 sec.	0.3 sec.	0.003 sec.	0.1 sec.	0.04 sec.	3 sec.
	125 mA - 6.3 A	-	-	-	-	0.003 sec.	0.3 sec.	0.01 sec.	3 sec.	0.15 sec.	3 sec.
1000%	32 - 100 mA	-	-	-	-	-	0.02 sec.	-	0.02 sec.	0.01 sec.	3 sec.
	125 mA - 6.3 A	-	-	-	-	-	0.02 sec.	-	0.02 sec.	0.02 sec.	3 sec.

Figure 1: IEC vs UL standards differences

## UL Listed fuse families

Product	Size	Type	Vac	Vdc
<a href="#">ABC</a>	1/4" x 1 1/4"	Fast acting	250	125
<a href="#">MDA</a>	1/4" x 1 1/4"	Time delay	250	125
<a href="#">MDP</a>	1/4" x 1 1/4"	Time delay	500	250
<a href="#">AGC</a>	1/4" x 1 1/4"	Fast acting	250	
<a href="#">MDL</a>	1/4" x 1 1/4"	Time delay	250	
<a href="#">GMA</a>	5 x 20 mm	Fast acting	125	
<a href="#">GMC</a>	5 x 20 mm	Time delay	250	

## Compatible fuse holders

Pannel mount	In-line	PCB mount	Panel mount
<a href="#">S-8000</a>	<a href="#">HFA, HHN, HM, HHB, HHK, HRK, HHJ, HHJ, HR</a>	<a href="#">HBH, HBV, HBW</a>	<a href="#">HVP, HKP, HJM</a>
<a href="#">HTC-518M &amp; HTC528</a>	<a href="#">HHT</a>	<a href="#">HTC-78M</a>	<a href="#">HTC</a>

Website



Contact



Samples

