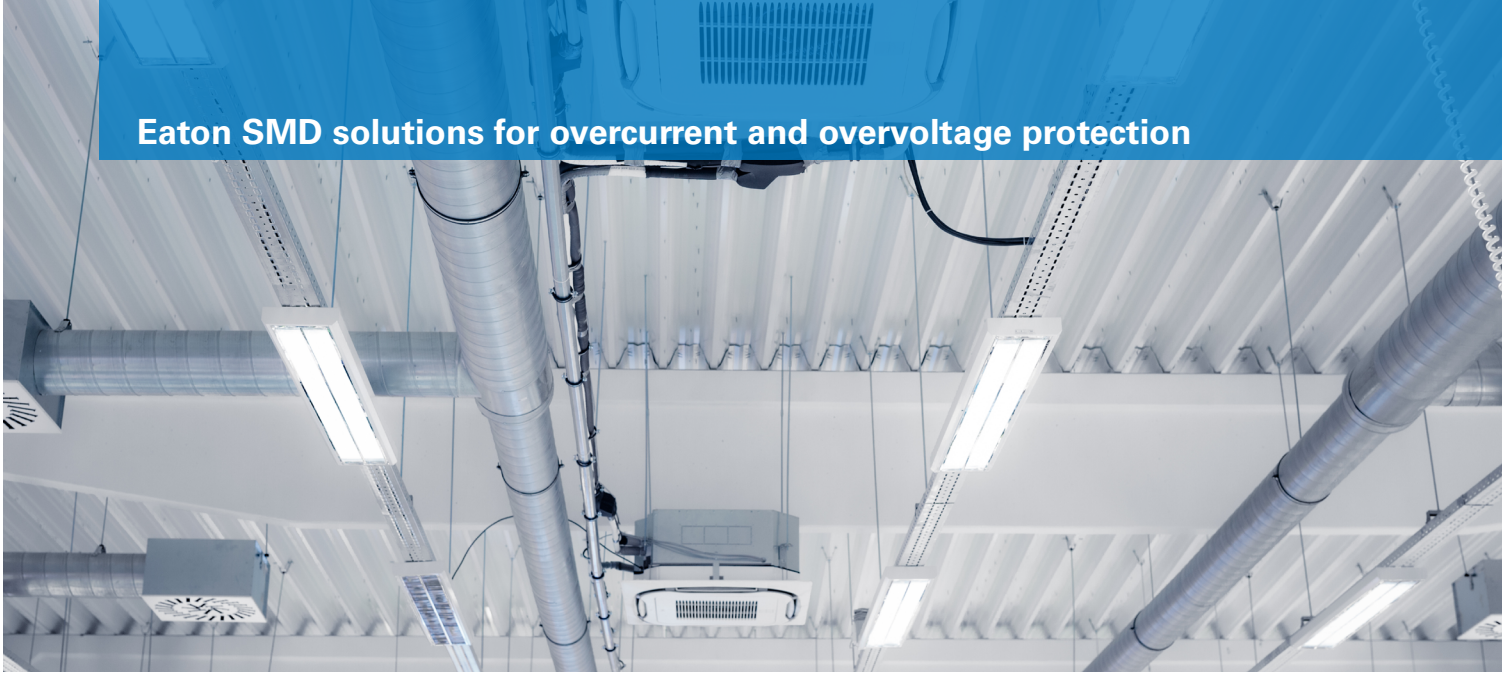
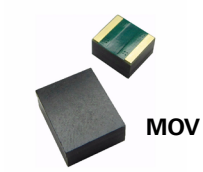


Eaton SMD solutions for overcurrent and overvoltage protection

Eaton's SMD fuses and MOVs provide reliable circuit protection in electronic applications



MOV

2410FA

2410TD

Eaton's surface mount MOVs offer the widest operating voltage range (up to 510 Vac and 670 Vdc) and high surge current protection of up to 1200 A.

For reliable overvoltage protection in electronic applications, Eaton offers small-footprint metal oxide varistors (MOVs) in 2825 and 4032 EIA SMD package sizes for surge current protection. Eaton's surface mount MOVs offer the widest operating voltage range (up to 510 Vac and 670 Vdc) and high surge current protection of up to 1200 A.

In particular, Eaton Bussmann's 2410TD and 2410FA SMD fuses offer time delay and fast-acting overcurrent and overload protection up to 250 Vac. Both of these fuse families are suitable for use in electronic applications, where the 2410FA offers fast-acting performance to quickly open during overload and short circuit events. The 2410TD, on the other hand, offers time-delay characteristics for applications that experience in rush or surge currents during turn on or during normal operation where the fuse is not intended to to open.

Features and benefits: Eaton Surface Mount MOVs

- Broad operating voltage range (up to 510 Vac, 670 Vdc)
- High surge current protection (up to 1200 A)
- Surface mount pick and place to help reduce assembly cost vs. through-hole fuses
- SMD design minimizes product height compared to through-hole types
- Helps to achieve UL 1449 4th edition certifications
- Can be paired with surface mount brick fuses

Features and benefits: Eaton Bussmann SMD Fuses

- Time-delay overcurrent protection characteristics up to 250 Vac
- Compact 2410 EIA (6125 metric) footprint for greater space savings
- Wide range of operating temperatures
- Current ratings from 500 mA to 15 A within a single footprint
- Cost-effective overcurrent protection that helps meet 3rd party standards
- Multiple packaging configurations for high-volume programs

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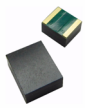
Overcurrent protection

	Product family	Maximum voltage rating	Nominal current range	Maximum interrupting rating
	3216LV	125 Vac | 125 Vdc	250 mA to 1.5 A	50 A
	CB61F	125 Vac | 125 Vdc	500 mA to 40 A	300 A
	2410FA	125 Vac | 125 Vdc	500 mA to 15 A	50 A
	2410TD	250 Vac | 60 Vdc	500 mA to 7 A	50 A
	1025FA	250 Vac | 125 Vdc	250 mA to 15 A	50 A
	1025TD	250 Vac | 125 Vdc	250 mA to 15 A	50 A
	1145HV/1350HV	350 Vac | 600 Vdc	1 A to 5 A	1500 A
	1025HC/1245HC	250 Vac | 72 Vdc	20 A to 100 A	1000 A
	1245UMFF	350 Vac | 250 Vdc	500 mA to 6.3 A	100 A
	1245UMFT	250 Vac	1 A to 6.3 A	100 A

Overvoltage protection

	Package size	Working voltage (V_{rms})	Clamping voltage (V)	Peak current (8/20 µs)
	2825	11 to 420	40 to 1120	Up to 400 A
	4032	11 to 510	40 to 1355	Up to 1200 A

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