

### Protection for Your Solid State Power Controller

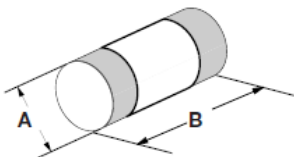
For protection of solid state power controllers, a semiconductor fuse is recommended to protect the power controller and ensure long life. To safeguard your power controllers, Thermal Solutions offers DIN-rail mount fuse holders and semiconductor fuses in various sizes to accommodate the entire DIN-A-MITE SCR power controller family and solid state relay products. These fuse holders feature lockout/tagout and open fuse indication.



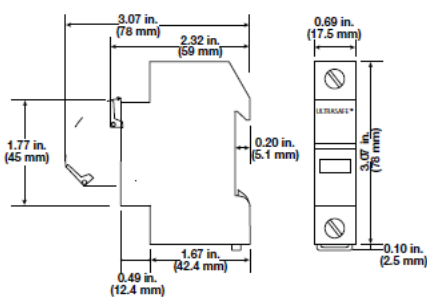
Fuses			Holder		
Amp Rating	I <sup>2</sup> T (A <sup>2</sup> Sec)	Part Number	Dim A mm	Dim B mm	Part Number
12	120	<a href="#">17-8012</a>	10	38.1	<a href="#">17-5110</a>
20	260	<a href="#">17-8020</a>	10	38.1	<a href="#">17-5110</a>
25	390	<a href="#">17-8025</a>	10	38.1	<a href="#">17-5110</a>
32	150	<a href="#">17-8030</a>	14	50.8	<a href="#">17-5114</a>
40	980	<a href="#">17-8040</a>	14	50.8	<a href="#">17-5114</a>
50	1800	<a href="#">17-8050</a>	14	50.8	<a href="#">17-5114</a>
63	2700	<a href="#">17-8063</a>	22	58	<a href="#">17-5122</a>
80	5100	<a href="#">17-8080</a>	22	58	<a href="#">17-5122</a>
100	10000	<a href="#">17-8100</a>	22	58	<a href="#">17-5122</a>

**Note:** All fuses should be rated at 125 percent of connected load or the next standard fuse size above 125 percent. Due to special cases such as cooler ambient or lower amperage loads, the connected load should be the determining factor. The semiconductor fuse I2t rating must not exceed the SCR I2t rating. Semiconductor fuses are classified as supplemental protection for semiconductor. They are not approved for branch circuit protection.

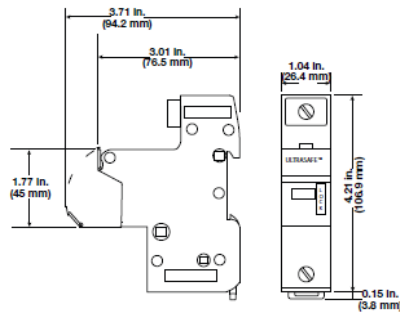
### Fuse and Fuse Holders



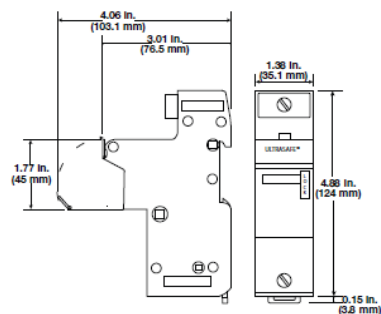
Fuse



0.39 in. (10 mm) Holder  
17-5110



0.55 in. (14 mm) Holder  
17-5114



0.87 in. (22 mm) Holder  
17-5122