

American Power Fuses AMP-TRAP® ATMR (Class CC)

Small Fuse - Big protection for general circuits



Amp-trap ATMR fuses, in the Class CC family, are the smallest dimension 600V fuses suitable for branch circuit protection. The ATMR is a popular choice for economical protection of control circuits and control circuit transformers where available short circuit currents exceed 10,000 amperes. ATMR's rejection dimensions prevent substitution by lesser rated fuses. These fast acting fuses give current limiting protection to general circuits.

Features/Benefits

- Rejection style design prevents replacement errors when used with recommended fuse blocks
- Fiberglass body provides dimensional stability in harsh industrial environments
- Versatile design for individual component and branch circuit protection

Applications

- Control Circuits
- Lighting
- General Loads
- Branch Circuit Protection

Approvals



- UL Listed to Standard 248-4
- CSA Certified to Standard C22.2No. 248.4

Ratings

AC: 1/10 to 30A 600VAC,
200kA I.R.

Highlights

- Fast Acting
- Very Current-Limiting

Primary Fuse Sizing for Control Transformer

Transformer Volt-Amperes	ATMR Rating	
	480V primary	600V primary
50	1/2*	3/10*
75	3/4*	1/2*
100	1	3/4*
150	1-1/2	1*
200	2	1-1/2*
250	2	2
300	3	2
350	3-1/2	2
500	5	4
750	7	6
1000	-	8

All rating will withstand inrush currents of 40 times transformer full load for 1/2 cycle unless otherwise noted.

* These ratings will withstand inrush currents of 35 times transformer full load for 1/2 cycle.

Standard Fuse Ampere Ratings

Ampere Rating	Catalog Number	Reference Number	Ampere Rating	Catalog Number	Reference Number
1/10	ATMR1/10	C217789	3-1/2	ATMR3-1/2	Y213208
1/8	ATMR1/8	P219341	4	ATMR4	G215746
2/10	ATMR2/10	B201918	5	ATMR5	M216257
1/4	ATMR1/4	C218824	6	ATMR6	L216762
3/10	ATMR3/10	W214218	7	ATMR7	Z217280
1/2	ATMR1/2	N218305	8	ATMR8	D217790
3/4	ATMR3/4	Z214727	9	ATMR9	P218306
1	ATMR1	L216256	10	ATMR10	P219870
1-1/4	ATMR1-1/4	Y217279	12	ATMR12	D222551
1-1/2	ATMR1-1/2	K216761	15	ATMR15	V223072
2	ATMR2	A200859	20	ATMR20	Z211139
2-1/2	ATMR2-1/2	N201400	25	ATMR25	Q211660
3	ATMR3	N212693	30	ATMR30	C215236

General Purpose US Fuses



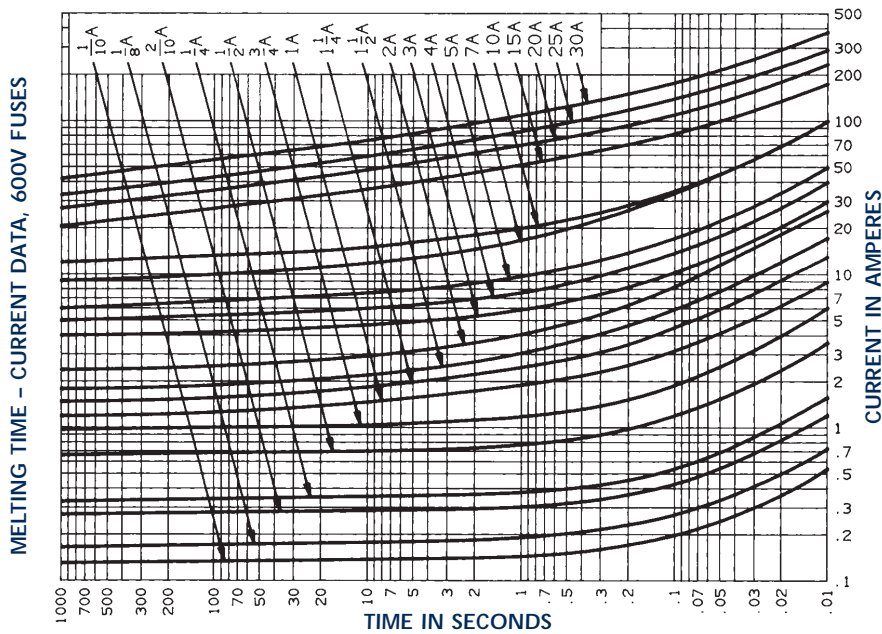
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Recommended Fuse Blocks For Amp-Trap® Class CC Fuses

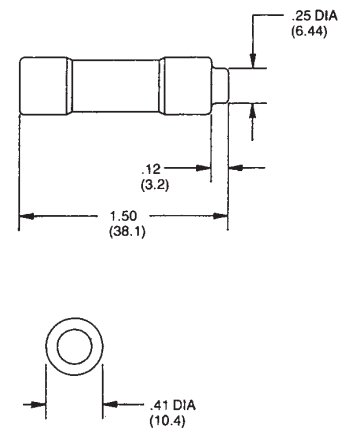
Number of Poles	Catalog Number				Reference Number			
	ULTRA-SAFE Indicating Fuse Holder	Screw Connector w/ Double Quick Connects	Pressure Plate Connector w/ Double Quick Connects	Copper Box Connector	ULTRA-SAFE Indicating Fuse Holder	Screw Connector w/ Double Quick Connects	Pressure Plate Connector w/ Double Quick Connects	Copper Box Connector
ADDER		30310R	30320R	30350R		W204857	Z217510	N213429
1	USCC1I	30311R	30321R	30351R	X213943	R212397	M218534	G213929
2	USCC2I	30312R	30322R	30352R	D217008	Z212910	Y219579	V214447
3	USCC3I	30313R	30323R	30353R	Y218038	M213428	B222779	X214955

Refer to the Class CC Fuse Block section of this catalog for other details.

ATMR 1/10 to 30



Dimensions



Peak Let-Thru Current Data - ATMR 3/4 to 30, 600 Volts AC

