

A4BQ Time-delay/Class L

Put the highest current-limitation...at your service

Amp-Trap 2000® A4BQ fuses are 20% more current-limiting than any other Class L fuse on the market. When correctly coordinated, they bring a superior level of protection to service entrance equipment. Downstream circuit components have maximum protection against short circuit let-thru current. A4BQ's built-in, 4-second time-delay characteristic (at 500% of rated current) accommodates harmless inrush currents without nuisance opening.

Features/Benefits:

- Fastest operation under short circuit conditions: Let-thru currents are typically 20% lower, with a corresponding let-thru energy (clearing I^2t) up to 40% lower than the next fastest Class L fuse
- Time-delay for high inrush loads such as motors and transformers, without nuisance opening
- 300kA interrupting rating - self-certified, UL witnessed tests
- Most current-limiting for lowest peak let-thru current; even at fault currents up to 300kA
- Recommended for Arc Flash energy reduction
- Pure silver links ensure lowest let-thru current and longer fuse life
- Easy 2-to-1 selectivity for prevention of nuisance shutdowns and "blackouts"
- Rejection-style design prevents replacement errors
- High-visibility orange label gives instant brand recognition
- Reduced inventory because A4BQ can replace all older types of Class L fuses now in-service
- Metal-embossed date and catalog number for traceability and lasting identification
- Fiberglass body provides dimensional stability in harsh industrial settings
- High-grade silica filler ensures fast arc quenching

Highlights:

- Time-delay
- Industry's most current-limiting class L fuse
- Arc Flash mitigating
- Pure silver elements
- AC & DC rated
- Optional mechanical TA indicator (100-6000A)

Applications:

- Mains
- Feeders
- Large motors
- Lighting, heating & general loads
- Circuit breaker back-up
- DC rated: UPS DC links, battery disconnects, other DC applications

Please contact factory for special trigger actuator



Ratings:

Volts : 600VAC
: 500VDC

Amps : AC - 100 to 6000A
: DC - 601 to 3000A

IR : 200kA I.R. AC
: 100kA I.R. DC

(Self-certified for 600VAC, 300kA I.R., UL witnessed).

Approvals:

A4BQ (100-6000)

- UL listed to standard 248-10 (601-6000A) File E2137
- DC listed to UL standard 248 (601-3000A)
- CSA certified to standard C22.2 No. 248.10 (601-6000A)
- UL recognized (100-600A)

A4BQ (100-6000) - TA

- UL listed (601-6000A)
- UL recognized (100-600A)



MERSEN

A4BQ Time-delay/Class L

Catalog Numbers (amps)

A4BQ100	A4BQ500	A4BQ1000	A4BQ2000
A4BQ150	A4BQ600	A4BQ1200	A4BQ2500
A4BQ200	A4BQ601	A4BQ1350	A4BQ2501
A4BQ250	A4BQ650	A4BQ1400	A4BQ3000
A4BQ300	A4BQ700	A4BQ1500	A4BQ3500
A4BQ350	A4BQ750	A4BQ1600	A4BQ3800
A4BQ400	A4BQ800	A4BQ1800	A4BQ4000
A4BQ450	A4BQ900	A4BQ1900	A4BQ5000
			A4BQ6000

Note: For remote blown fuse trigger actuator option add "-TA" to end of catalog number. Example: A4BQ1600-TA

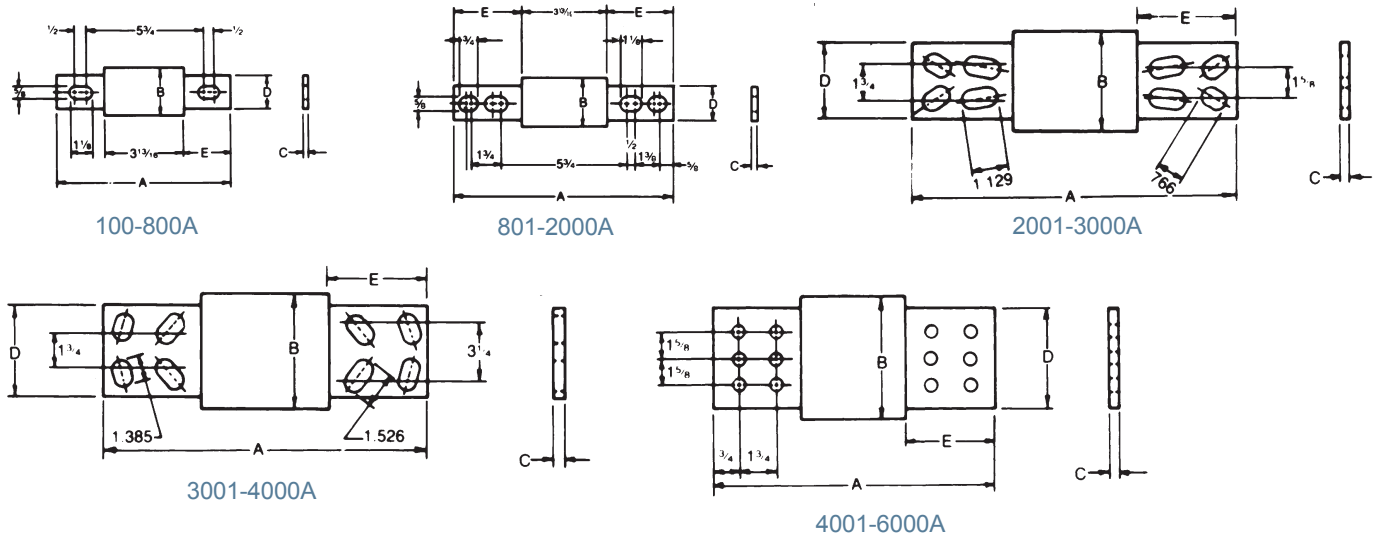
Recommended Fuse Blocks for Amp-Trap® Class L Fuses

Fuse Ampere Rating	Catalog Number 600V or Less 3 Pole
100-800	P48F
801-1200	P412F

Catalog number P48F is UL recognized
Catalog number P412F is self-certified

Dimensions

Ampere Rating	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
100-600	8-5/8	219	2	51	5/16	8	1-5/8	41	2-13/32	61
601-800	8-5/8	219	2-1/2	63	3/8	9	2	51	2-13/32	61
801-1200	10-3/4	273	2-1/2	63	3/8	9	2	51	3-15/32	88
1201-1600	10-3/4	273	3	76	7/16	11	2-3/8	60	3-15/32	88
1601-2000	10-3/4	273	3-1/2	89	1/2	12	2-3/4	70	3-15/32	88
2001-2500	10-3/4	273	4-1/2	114	3/4	19	3-1/2	89	3-15/32	88
2501-3000	10-3/4	273	5	127	3/4	19	4	102	3-15/32	88
3001-4000	10-3/4	273	5-3/4	146	3/4	19	4-3/4	121	3-15/32	88
4001-5000	10-3/4	273	6-1/4	159	1	25	5-1/4	133	3-15/32	88
5001-6000	10-3/4	273	7-1/8	181	1	25	5-3/4	146	3-15/32	88



Safety Note: Class L fuses are dimensioned for one-way interchangeability. A Class L fuse of any lower ampere rating can be substituted for a given Class L fuse.