## A4BQ Time-delay/Class L

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

Amp-Trap $2000^{\circledR}$ 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 $\mathrm{I}^{2} \mathrm{t}$ ) 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 300 kA
- 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)

Please contact factory for special trigger actuator

## Applications:

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


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: <br> 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)


## 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 ${ }^{\circledR}$ Class L Fuses

| Fuse <br> Ampere <br> Rating | Catalog Number <br> 600 V or Less <br> 3 Pole |
| :--- | :--- |
| $100-800$ | P48F |
| $801-1200$ | P412F |

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

## Dimensions

| Ampere <br> Rating | in | mm | in | mm | in | mm |  | mm |  | 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.

