

A3T & A6T

Fast Acting/Class T

NORTH AMERICAN POWER FUSES

THESE SMALL DIMENSION FUSES ARE
THE RIGHT FIT... FOR A TIGHT FIT



Fast-acting A3T and A6T Class T fuses combine two highly desirable features - high current limitation and a small physical size. Their unique dimensions prevent the substitution of other fuses with lower voltage ratings or current-limiting capability.

These fuses have glass melamine bodies for superior dimensional stability and catalog numbers stamped into the blades for permanent identification.

FEATURES/BENEFITS:

- Extremely current-limiting for low peak let-thru current
- Unique dimensions prevent replacement by other fuse classes
- Blade-stamped catalog numbers for permanent identification
- Small physical size for greater design flexibility

RATINGS:

A3T

- **Volts:** 300VAC / 160VDC
- **Amps:** 1 to 1200A
- **IR:** 200kA I.R. AC, 50kA I.R. DC

A6T

- **Volts:** 600VAC / 300VDC
- **Amps:** 1 to 800A
- **IR:** 200kA I.R. AC, 100kA I.R. DC

HIGHLIGHTS:

- Fast-acting
- Extremely current-limiting
- Small physical size
- DC ratings

APPLICATIONS:

- Loadcenters
- Panelboards
- Switchboards
- Circuit breakers
- Metering centers

APPROVALS:

- UL listed to standard 248-15 File E2137
- CSA certified to standard C22.2 no. 248.15
- DC listed to UL standard 248



Shah & Shah Enterprise

www.shahent.co.in

CATALOG NUMBERS (AMPS)

| 300V | | | 600V | | |
|-------|--------|---------|-------|--------|--------|
| A3T1 | A3T60 | A3T300 | A6T1 | A6T60 | A6T300 |
| A3T3 | A3T70 | A3T350 | A6T3 | A6T70 | A6T350 |
| A3T6 | A3T80 | A3T400 | A6T6 | A6T80 | A6T400 |
| A3T10 | A3T90 | A3T450 | A6T10 | A6T90 | A6T450 |
| A3T15 | A3T100 | A3T500 | A6T15 | A6T100 | A6T500 |
| A3T20 | A3T110 | A3T600 | A6T20 | A6T110 | A6T600 |
| A3T25 | A3T125 | A3T700 | A6T25 | A6T125 | A6T700 |
| A3T30 | A3T150 | A3T800 | A6T30 | A6T150 | A6T800 |
| A3T35 | A3T175 | A3T1000 | A6T35 | A6T175 | |
| A3T40 | A3T200 | A3T1200 | A6T40 | A6T200 | |
| A3T45 | A3T225 | | A6T45 | A6T225 | |
| A3T50 | A3T250 | | A6T50 | A6T250 | |

RECOMMENDED FUSE BLOCKS
WITH BOX CONNECTORS FOR
AMP-TRAP® CLASS T FUSES

| Ampere Rating | Catalog Number | | | |
|---------------|----------------|--------|--------|--------|
| | 300V | | 600V | |
| | 1-Pole | 3-Pole | 1-Pole | 3-Pole |
| 1-30 | 30306T | 30308T | 60306T | 60308T |
| 31-60 | 30606T | 30608T | 60606T | 60608T |
| 61-100 | 31001T | 31003T | 61031T | 61033T |
| 101-200 | 32031T | 32033T | 62031T | 62033T |
| 201-400 | 34031T | 34033T | 64031T | - |
| 401-600 | 36031T | - | 66031T | - |

A variety of pole configurations and termination provisions are available. Refer to Section H for details.

DIMENSIONS

| Ampere Rating | A | | B | | C | | D | | E | | F | | G | |
|----------------|------|-------|------|------|------|------|------|------|------|------|-----|------|------|------|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| 300V-A3T Fuses | | | | | | | | | | | | | | |
| 1-30 | .88 | 22.4 | .41 | 10.3 | - | - | - | - | - | - | - | - | - | - |
| 31-60 | .88 | 22.4 | .56 | 14.1 | - | - | - | - | - | - | - | - | - | - |
| 61-100 | 2.16 | 54.9 | .81 | 20.6 | .12 | 3.2 | .75 | 19.0 | 1.56 | 39.6 | .28 | 7.1 | .82 | 20.8 |
| 101-200 | 2.44 | 62.0 | 1.06 | 26.9 | .19 | 4.8 | .88 | 22.4 | 1.70 | 43.2 | .34 | 8.6 | .83 | 21.1 |
| 201-400 | 2.75 | 69.8 | 1.33 | 33.8 | .25 | 6.4 | 1.00 | 25.4 | 1.84 | 46.7 | .41 | 10.4 | .84 | 21.3 |
| 401-600 | 3.06 | 77.7 | 1.62 | 41.1 | .31 | 7.8 | 1.25 | 31.8 | 2.03 | 51.6 | .48 | 12.2 | .84 | 21.3 |
| 601-800 | 3.38 | 85.8 | 2.08 | 52.8 | .38 | 9.7 | 1.75 | 44.4 | 2.22 | 56.4 | .55 | 14.0 | .88 | 22.4 |
| 801-1200 | 4.00 | 102 | 2.52 | 64.0 | .44 | 11.2 | 2.00 | 50.8 | 2.53 | 64.3 | .61 | 15.5 | 1.03 | 26.2 |
| 600V-A6T Fuses | | | | | | | | | | | | | | |
| 1-30 | 1.50 | 38.1 | .57 | 14.5 | - | - | - | - | - | - | - | - | - | - |
| 31-60 | 1.57 | 39.9 | .81 | 20.6 | 1.51 | 38.4 | 1.00 | 25.4 | - | - | - | - | - | - |
| 61-100 | 2.95 | 75.0 | .82 | 20.8 | .12 | 3.2 | .75 | 19.0 | 2.35 | 59.7 | .28 | 7.1 | 1.58 | 40.1 |
| 101-200 | 3.26 | 82.8 | 1.07 | 27.2 | .19 | 4.8 | .88 | 22.4 | 2.51 | 63.7 | .34 | 8.6 | 1.61 | 41.0 |
| 201-400 | 3.62 | 92.1 | 1.62 | 41.3 | .25 | 6.4 | 1.00 | 25.4 | 2.72 | 69.1 | .41 | 10.4 | 1.70 | 43.2 |
| 401-600 | 3.98 | 101.2 | 2.06 | 52.4 | .31 | 7.9 | 1.25 | 31.8 | 2.95 | 75.0 | .48 | 12.2 | 1.70 | 43.2 |
| 601-800 | 4.33 | 110.0 | 2.50 | 63.5 | .37 | 9.5 | 1.75 | 44.4 | 3.17 | 80.5 | .56 | 14.1 | 1.70 | 43.2 |

