

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: A3T-250

Manufacturer: Bourns Inc.

Package: Cylindrical, Blade Terminal (Bolt)

Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/riedon-products-by-bourns/a3t-250.html>

Request a Quote:

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

A3T & A6T

Fast Acting/Class T

UL/CSA LISTED 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



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 FB 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

