

# A15QS

Amp-Trap® Form 101

HIGH SPEED FUSES



A15QS Amp-Trap® Form 101 high speed fuses were designed for the specific protection of diodes and other semiconductor devices rated 150VAC/DC. The A15QS product line's compact design is perfect for those applications that have limitations on available space.

## FEATURES/BENEFITS:

- Low  $I^2t$  minimizes damage to protected components on short circuit
- Controlled arc voltage reduces stress to circuit components during fuse clearing
- Choice of mounting types provides options for unique termination requirements

Catalog Numbering System					
<b>A</b>	<b>15</b>	<b>QS</b>	<b>400</b>	<b>- 4</b>	<b>TI</b>
Amp-Trap® Fuse	Rated Volts - 150	Style	Amperes	Mounting Types*	Integral Blown-Fuse Indicator
				Ferrule: 1 Ferrule, midget dims (10x38mm): 2 Blades, bolt-in: 4 Hockey puck, bolt-in: 128	Trigger Indicator: TI IL Indicator: IL

\* For ampere ratings and types not listed, consult the factory.

\*\* For harsh duty applications, refer to the A13X product family. Consult the factory for A13X application information.

## RATINGS

- **Volts:** 150VAC / DC
- **Amps:** 1 to 6000A
- **I.R.:** 100kA I.R. AC, 50kA I.R. DC


## HIGHLIGHTS:

- Fast acting
- Current limiting
- Low  $I^2t$
- Indicator options available


## APPLICATIONS:

- Protection of heavy duty devices such as electrochemical rectifiers

## APPROVALS:

- UL recognized component   
UL File E60314
- AC: UL guide no. JFHR2 (1-4000A)
- DC tested to UL standard 198L parameters (1-4000A)

## SINGLE POLE FUSE BLOCKS FOR A15QS FUSES

Fuse Ampere Rating	Catalog No.	
1-30	30311	
31-60	U71006	
500-600	P2436	
40-450	P243D	
800	1SC375	

## CATALOG NUMBERS (AMPS)

Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.
A15QS1-2	1	A15QS50-4	2	A15QS300-4	2	A15QS1000-128IL	5
A15QS2-2	1	A15QS60-1	1	A15QS300-4TI	2	A15QS1200-128	4
A15QS3-2	1	A15QS70-4	2	A15QS300-4IL	3	A15QS1200-128IL	5
A15QS4-2	1	A15QS70-4TI	2	A15QS350-4	2	A15QS1500-128	4
A15QS5-2	1	A15QS80-4	2	A15QS350-4TI	2	A15QS1500-128IL	5
A15QS6-2	1	A15QS80-4TI	2	A15QS400-4	2	A15QS2000-128	4
A15QS7-2	1	A15QS90-4	2	A15QS400-4IL	3	A15QS2000-128IL	5
A15QS8-2	1	A15QS100-4	2	A15QS400-4TI	2	A15QS2500-128	4
A15QS10-2	1	A15QS100-4TI	2	A15QS450-4	2	A15QS2500-128IL	5
A15QS12-2	1	A15QS130-4	2	A15QS450-4IL	3	A15QS3000-128	4
A15QS15-2	1	A15QS130-4TI	2	A15QS500-4	2	A15QS3000-128IL	5
A15QS20-2	1	A15QS150-4	2	A15QS500-4IL	3	A15QS3500-128	6
A15QS25-2	1	A15QS150-4IL	3	A15QS600-4	2	A15QS4000-128	6
A15QS30-2	1	A15QS150-4TI	2	A15QS600-4IL	3	A15QS4000-128IL	7
A15QS35-1	1	A15QS175-4TI	2	A15QS800-4	2	A15QS4500-128	8
A15QS40-1	1	A15QS200-4	2	A15QS1000-4	2	A15QS4500-128IL	8
A15QS40-4TI	2	A15QS200-4IL	3	A15QS1000-4IL	3	A15QS5000-128	8
A15QS45-1	1	A15QS250-4	2	A15QS1000-4TI	2	A15QS6000-128	8
A15QS50-1	1	A15QS250-4TI	2	A15QS1000-128	4		

\* For ampere ratings and styles not listed, call Technical Services at 978-465-4853.

## DIMENSIONS

Outline Ref.	Mounting Type	Fig.	Dimensions - Inches (mm)								Tap
			A	B	C	D	E	F	G	H	
A15QS1 to 30	2	1	1.50 [38.1]	0.41 [10.4]	-	-	-	-	-	-	-
15QS35 to 60	1	1	2.00 [50.8]	0.81 [20.6]	-	-	-	-	-	-	-
A15QS20 to 450	4, 4TI*, 4IL*	2, 3*	2.66 [67.6]	1.00 [25.4]	1.16 [29.5]	2.19 [55.6]	1.88 [47.6]	0.31 [7.9]	0.74 [18.8]	0.125 [3.2]	-
A15QS500 to 1000	4, 4TI*, 4IL*	2, 3*	3.50 [88.9]	1.50 [38.1]	1.25 [31.8]	2.56 [65.0]	1.94 [49.3]	0.41 [10.4]	1.00 [25.4]	0.25 [6.4]	-
A15QS750 to 2000	128, 128IL	4, 5*	1.88 [47.8]	2.00 [50.8]	1.63 [41.4]	1.75 [44.5]	1.00 [25.4]	-	-	-	3/8-24-1/2 Deep
A15QS2500 to 3000	128, 128IL	4, 5*	1.88 [47.88]	3.00 [76.2]	1.63 [41.4]	2.50 [63.5]	1.50 [38.1]	-	-	-	1/2-20-1/2 Deep
A15QS3500 to 4000	128, 128IL	6, 7*	1.88 [47.88]	3.50 [88.9]	1.63 [41.4]	3.00 [76.2]	1.06 [27.0]	1.06 [27.0]	-	-	1/2-20-1/2 Deep
A15QS4500 to 6000	128	8	2.38 [60.5]	5.75 [146]	1.88 [47.7]	5.00 [127]	1.50 [38.1]	1.50 [38.1]	-	-	1/2-20-1/2 Deep

\* Optional Trigger Indicator (TI) and/or (IL) indicator.

