

A15QS

SEMICONDUCTOR PROTECTION FUSES



A15QS Amp-Trap® Form 101 Semiconductor Protection 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 I²t** 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

Ratings

- **AC:** 1-6000A
150VAC, 100kA I.R.
- **DC:** 1-6000A
150VDC, 100kA I.R.

Approvals

- UL Recognized Component
- AC: UL Guide No. JFHR2 (1-4000A)
- DC Tested to UL Standard 198L parameters (1-4000A)

HIGHLIGHTS:

- Fast Acting
- Current-Limiting
- Low I²t
- Indicator Options Available

APPLICATIONS:

- Protection of heavy duty devices such as electrochemical rectifiers

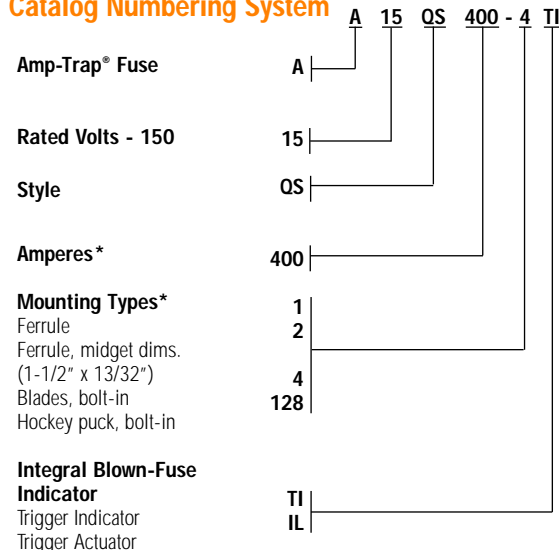


Single Pole Fuse Blocks for A15QS Fuses

FUSE AMPERE RATING	FUSE BLOCK CATALOG NUMBER
1-30	30311
31-60	60306J
61-100	P243D
101-200	P243D
201-450	P243D
500-600	P243G



Catalog Numbering System



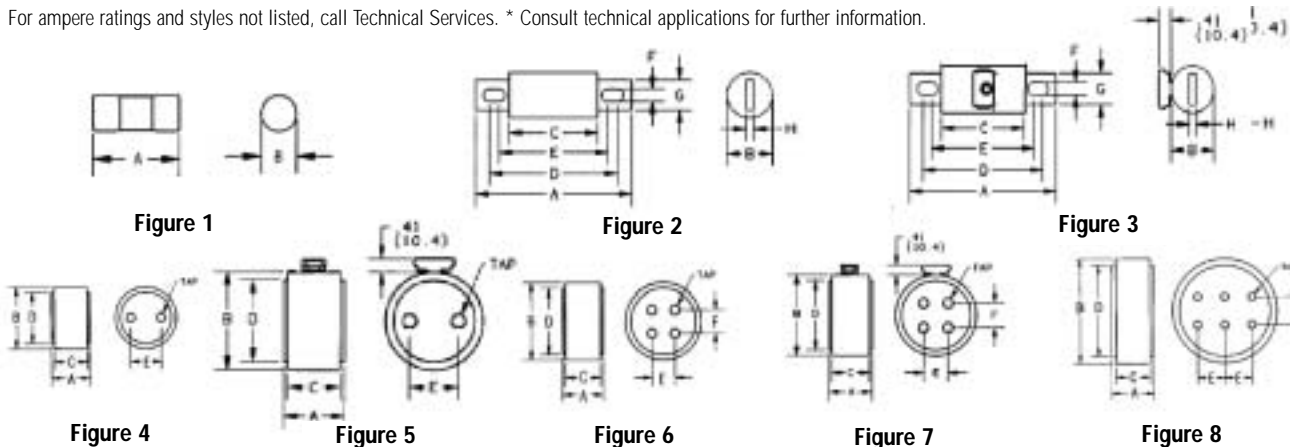
A15QS

SEMICONDUCTOR PROTECTION FUSES

Standard Fuse Ampere Ratings, Catalog Numbers

AMPERE RATING	CATALOG NUMBER	OUTLINE FIG.	AMPERE RATING	CATALOG NUMBER	OUTLINE FIG.	AMPERE RATING	CATALOG NUMBER	OUTLINE FIG.	AMPERE RATING	CATALOG NUMBER	OUTLINE FIG.
1	A15QS1-2	1	60	A15QS60-1	1	350	A15QS350-4TI	2	2000	A15QS2000128IL	5
2	A15QS2-2	1	70	A15QS70-4	2	400	A15QS400-4	2	2500	A15QS2500-128	4
3	A15QS3-2	1	70	A15QS70-4TI	2	400	A15QS400-4IL	3	2500	A15QS2500-128IL	5
4	A15QS4-2	1	80	A15QS80-4	2	400	A15QS400-4TI	2	3000	A15QS3000-128	4
5	A15QS5-2	1	80	A15QS80-4TI	2	450	A15QS450-4	2	3000	A15QS3000-128IL	5
6	A15QS6-2	1	90	A15QS90-4	2	450	A15QS450-4IL	3	3500	A15QS3500-128	6
7	A15QS-2	1	100	A15QS100-4	2	500	A15QS500-4	2	4000	A15QS4000-128	6
8	A15QS8-2	1	100	A15QS100-4TI	2	500	A15QS500-4IL	3	4000	A15QS4000-128IL	7
10	A15QS10-2	1	130	A15QS130-4	2	600	A15QS600-4	2	5000*	A15QS5000-128	8
12	A15QS12-2	1	130	A15QS130-4TI	2	800	A15QS600-4IL	3	6000*	A15QS6000-128	8
15	A15QS15-2	1	150	A15QS150-4	2	800	A15QS800-4	2			
20	A15QS20-2	1	150	A15QS150-4IL	3	1000	A15QS1000-4	2			
25	A15QS25-2	1	150	A13X150-4TI	2	1000	A15QS1000-4IL	3			
30	A15QS30-2	1	200	A15QS200-4	2	1000	A15QS1000-4TI	2			
35	A15QS35-1	1	200	A15QS200-4IL	3	1000	A15QS1000-128	4			
40	A15QS40-1	1	250	A15QS250-4	2	1000	A15QS1000-128IL	5			
40	A15QS40-4TI	2	250	A15QS250-4TI	2	1200	A15QS1200-128	4			
45	A15QS45-1	1	300	A15QS300-4	2	1200	A15QS1200-128IL	5			
50	A15QS50-1	1	300	A15QS300-4IL	3	1200	A15QS1500-128	4			
50	A15QS50-4	2	300	A15QS300-4IL	2	1500	A15QS1500-128IL	5			
55	A15QS55-1	1	350	A15QS350-4	2	2000	A15QS2000-128	4			

For ampere ratings and styles not listed, call Technical Services. * Consult technical applications for further information.



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)	.41 (10.4)	-	-	-	-	-	-	-	-
A15QS35 to 60	1	1	2.00 (50.8)	.81 (20.6)	-	-	-	-	-	-	-	-
A15QS70 to 450	4, 4TI*, 4IL*	2, 3*	2.66 (67.6)	1.13 (28.7)	1.16 (29.5)	2.19 (55.6)	1.91 (48.5)	.31 (7.9)	.74 (22.4)	.13 (4.8)	-	-
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)	.41 (10.4)	1.00 (25.4)	.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	-
A15QS5000 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 Actuator (IL)