

A150X Amp-Trap® Form 101

A150X Amp-Trap® Form 101 Semiconductor Protection fuses, rated up to 1000A, 1500VAC/DC are suitable for traction drive and auxiliary circuits and for high voltage heavy duty rectifier applications. A150X fuses are suitable for use up to 1500VDC on circuits depending on time constant.

Features/Benefits:

- 1500VAC/DC rated for wide range of applications
- Heavy duty links
- Rugged fiberglass body

Highlights:

- Fast acting
- Current limiting
- Low I^2t

Applications:

- Protection of traction drive and auxiliary circuits, etc.
- Protection of heavy-duty rectifiers or heavy-duty higher voltage rectifiers
- Common DC bus protection up to 1500VDC



Ratings:

Volts : 1500VAC
Amps : 1 to 1000A
L/R : N/A

Volts : 1500VDC
Amps : 10 to 600A
L/R : <2ms

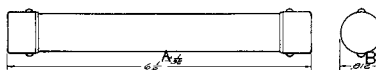
Volts : 1000VDC
Amps : 1 to 1000A
L/R : Consult Factory

I.R. : 100kA AC
 : 100kA DC

Catalog Numbers (amps)

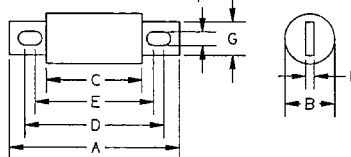
Dimensions Figure 1			
A150X1-1	A150X15-1	A150X20-1	A150X30-1

Figure 1



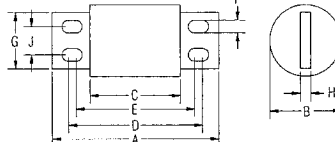
Dimensions Figure 2: DC UL Recognition			
A150X10-4	A150X40-4	A150X90-4	A150X250-4
A150X15-4	A150X45-4	A150X100-4	A150X300-4
A150X20-4	A150X50-4	A150X125-4	A150X400-4
A150X25-4	A150X60-4	A150X150-4	A150X450-4
A150X30-4	A150X70-4	A150X175-4	A150X500-4
A150X35-4	A150X80-4	A150X200-4	A150X600-4

Figure 2



Dimensions Figure 3	
A150X800-4	A150X1000-4

Figure 3



Dimensions

Outline Ref.	Mounting Type	Fig.	Dimensions - Inches (mm)										
			A	B	C	D	E	F	G	H	J		
A150X1 to 30	1	1	6.13 (155.7)	.82 (20.8)									
A150X10 to 60	4	2	7.15 (182)	1.21 (31)	5.62 (143)	6.46 (164)	6.34 (161)	0.31 (8)	1.00 (25)	0.18 (3)	-		
A150X70 to 100	4	2	7.87 (200)	1.50 (38)	5.62 (143)	6.93 (176)	6.31 (160)	0.40 (10)	1.00 (25)	.025 (6)	-		
A150X125 to 300	4	2	7.87 (200)	2.00 (51)	5.62 (143)	6.93 (176)	6.31 (160)	0.40 (10)	1.50 (38)	0.25 (6)	-		
A150X400 to 600	4	2	9.75 (248)	2.50 (64)	6.62 (168)	8.31 (211)	8.06 (205)	0.56 (14)	2.00 (51)	0.25 (6)	-		
A150X800 to 1000	4	3	9.87 (251)	3.50 (89)	6.12 (155)	8.03 (204)	7.71 (196)	0.56 (14)	2.75 (70)	0.37 (9)	1.37 (35)		

Approvals:

- DC UL Recognized Component
UL File E60314
- DC UL Recognized
10A-600A@1500VDC L/R<2ms,
100kA
- Mersen self certified
1000 VDC

