



Gears & Fuse Gears

American General Purpose Fuses Cylindrical & Blade Fuse Blocks Class SJ



SPACE-SAVING "SJ" FUSE BLOCKS

Ferraz Shawmut "SJ" Series Fuse Blocks rated 30A and 100A accommodate all 30A and 100A Class J fuses and occupy approximately 25% less mounting space than standard Class J fuse blocks. A patented built-in DIN rail adapter on the 30 ampere SJ block adds further design versatility. A choice of box, screw, or pressure plate connectors fit a wide range of stranded or solid copper or aluminum wire. Insulators are glass-filled polycarbonate with verified dielectric strength in excess of 2500V. The 30 ampere SJ block features a unique adder block which can be snapped onto 1-, 2- or 3-pole blocks to form multi-pole segmented blocks of as many poles as desired. 100A SJ blocks can also be snapped to each other to form multi-poles. All fuse clips are spring reinforced, made of high conductivity tin-plated copper.

Ratings

- 600VAC: 30A, 100A
- Withstand rating: 200kA

Approvals

- All fuse blocks meet the requirements of UL Std. 512
- UL Listed, Guide IZLT, File E52283
- CSA Certified Class 6225, File 32169



Recommendes fuse usage

Class J Blocks (600V) . . . use with AJT, A4J

Clip & Connector Types

30A CLIP

SPRING REINFORCED



30A CONNECTORS

SPRING REINFORCED: BOX



SCREW



PRESSURE PLATE



100A CONNECTOR

SIDE CLIP



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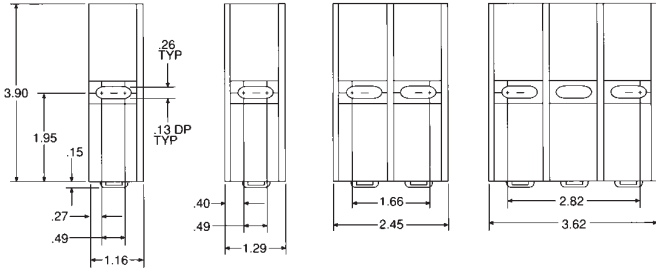


Figure 1

Figure 2

Figure 3

Figure 4

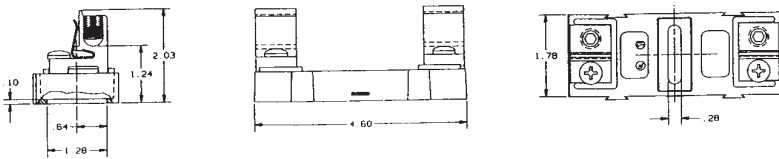
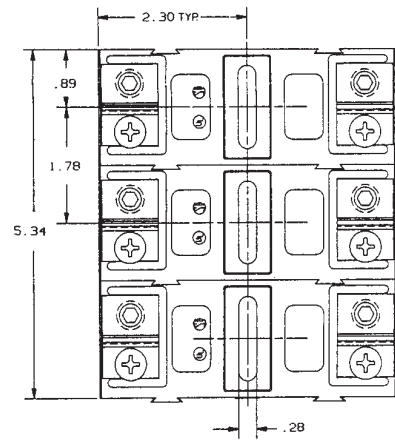
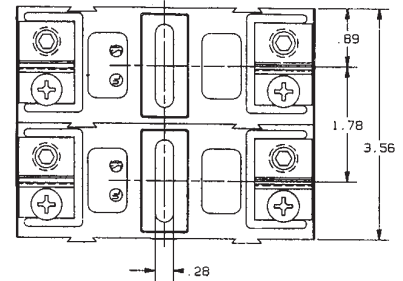


Figure 5

Figure 6

Figure 7



Recommended mounting screws for 30A and 100A fuse blocks: 1/4" (.250" dia.)

600 Volt, 30A & 100A Class J Fuse Blocks

Amper Rating	Poles	Connector		Catalog Number	Reference Number	Fig.	Connector Torque In - lb
		Type	Wire Range				
30 GFPC INSULATOR	ADDER	BOX	Al/Cu #2-14	60305SJ	C211372	1	35
				60306SJ	X212402	2	
				60307SJ	M213934	3	
				60308SJ	B214959	4	
	ADDER	SCREW	Cu #10-14	60315SJ	T218540	1	20
				60316SJ	E219585	2	
				60317SJ	G222784	3	
				60318SJ	L201122	4	
	ADDER	PRESSURE PLATE	Cu #10-14	60325SJ	E212915	1	20
				60326SJ	N213935	2	
				60327SJ	C214960	3	
				60328SJ	J215978	4	
ADDER	BOX	Cu* #4-14	60355SJ	V217000	1	35	
			60356SJ	V218541	2		
			60357SJ	F219586	3		
			60358SJ	H222785	4		
100 GFPC INSULATOR	1	BOX	Al/Cu	61036SJ	B204954	5	120
	2	SIDE CLIP	2/O-#6	61037SJ	M211887	6	
	3			61038SJ	Q213937	7	

Note: To convert 30A "SJ" adder pole to single pole, use end barrier #U09372 W227512).

* Fuse blocks have copper box connectors and clips and are for copper wires only. These are specifically designed with the same coefficient of expansion as copper wire for improved heat cycling and meet or exceed OEM "no aluminum" specifications.