

CLASS H, K & R

250 & 600 VOLT/FUSE BLOCKS



CLASS H, K AND R FUSE BLOCKS

Ferraz Shawmut Class H, K and R Fuse Blocks accommodate all Class H, K and R 250 and 600V power fuses. A choice of screw, pressure plate, box and special order stud connectors fit a wide range of stranded or solid copper or aluminum wire. Insulators are either molded glass-filled polycarbonate (GFPC) or phenolic with verified dielectric strength in excess of 2500V. 30, 60 and 100A fuse blocks feature 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. All fuse clips are made of high conductivity tin-plated copper, with a choice of spring reinforced or non-spring reinforced clips in 30A and 60A. Clips 100A and above are spring reinforced.

Ratings

- 250VAC:
30A, 60A, 100A,
200A, 400A, 600A
- 600VAC:
30A, 60A, 100A,
200A, 400A, 600A
- Short Circuit
Current Ratings:
250 & 600VAC
w/class H fuses - 10kA
w/class K fuses - 50kA
w/class R fuses - 200kA

Approvals

- All fuse blocks meet the requirements of UL Std. 512
- UL Listed, Guide IZLT, File E52283
- UL Recognized Component Guide IZLT2, File E52283
- CSA Certified Class 6225, File 32169



RECOMMENDED FUSE USAGE

Class R Blocks (250V) use with **A2D-R, A2K-R, TR-R**
Class R Blocks (600V) use with **A6D-R, A6K-R, TRS-R**
Class H & K Blocks (250V) use with **OT, RF, A2Y types 1 & 3**
OTN, CRN, NRN

Class H & K Blocks (600V) use with **OTS, RFS, A6Y types 1 & 3**
CRS, NRS

Clip & Connector Types

30A & 60A CLIPS	CONNECTORS	CONNECTORS	CONNECTORS	CONNECTORS
SPRING REINFORCED: CLASS R	NON-SPRING REINFORCED: 30A & 60A BOX	SPRING REINFORCED: 30A & 60A BOX	SPRING REINFORCED: 100A BOX	SPRING REINFORCED: 400A BOX IN-LINE CLIP
CLASS H & K	30A SCREW	30A SCREW (R)	200A BOX SIDE-CLIP	600A BOX IN-LINE CLIP
NON-SPRING REINFORCED	30A PRESSURE PLATE	30A PRESSURE PLATE	400A BOX SIDE-CLIP	

CLASS H, K & R

600 VOLT/FUSE BLOCKS

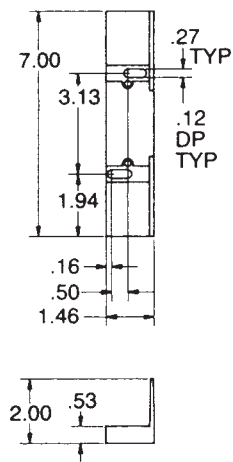


Figure 1

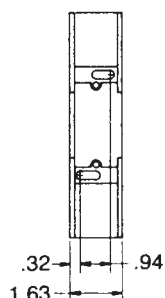


Figure 2

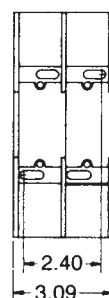


Figure 3

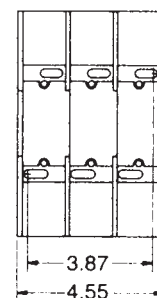


Figure 4

Recommended mounting screws for all 30A and 60A fuse blocks: 1/4" (.250" dia.)

600 Volt, 30 & 60 Ampere Class H, K and R Fuse Blocks

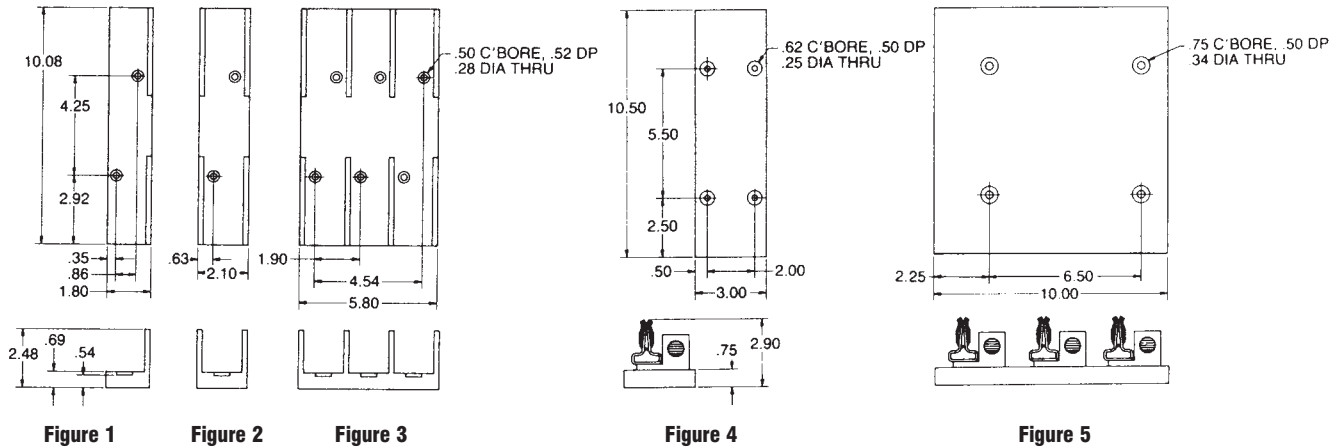
AMPERE RATING	POLES	CONNECTOR		CATALOG NUMBER			FIG.	CONNECTOR TORQUE In - lb	
				TYPE OF CLIP					
		TYPE	WIRE RANGE	CLASS H & K NON-SPRING REINFORCED	CLASS H & K SPRING REINFORCED	CLASS R SPRING REINFORCED			
30 GFPC INSULATOR	ADDER 1 2 3	BOX	Al/Cu #2-14	60300 60301 60302 60303	60305 60306 60307 60308	60305R 60306R 60307R 60308R	1 2 3 4	35	
	ADDER 1 2 3	SCREW	Cu #10-14	60310 60311 60312 60313	60315 60316 60317 60318	60315R 60316R 60317R 60318R	1 2 3 4	20	
	ADDER 1 2 3	PRESSURE PLATE	Cu #10-14	60320 60321 60322 60323	60325 60326 60327 60328	60325R 60326R 60327R 60328R	1 2 3 4	20	
	ADDER 1 2 3	BOX	Cu* #4-14	- - - -	60355 60356 60357 60358	60355R 60356R 60357R 60358R	1 2 3 4	35	
	60 GFPC INSULATOR	ADDER 1 2 3	BOX	Al/Cu #2-14	60600 60601 60602 60603	60605 60606 60607 60608	60605R 60606R 60607R 60608R	1 2 3 4	45
		ADDER 1 2 3	BOX	Cu* #4-14	- - - -	60655 60656 60657 60658	60655R 60656R 60657R 60658R	1 2 3 4	45

Note: To convert 30A or 60A adder pole to single pole, use end barrier #U09361.

* 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.

CLASS H, K & R

600 VOLT/FUSE BLOCKS



Recommended mounting screws:

All 100A-1/4" (.250" dia.)

200A, 1-pole - #10 (.190" dia.)

200A, 3-pole - 5/16" (.313" dia.)

600 Volt, 100 & 200 Ampere Class H, K and R Fuse Blocks

AMPERE RATING	POLES	CONNECTOR		CATALOG NUMBER		FIG.	CONNECTOR TORQUE In - lb
				TYPE OF CLIP			
		TYPE	WIRE RANGE	CLASS H & K SPRING REINFORCED	CLASS R SPRING REINFORCED		
100 PHENOLIC INSULATOR	ADDER	BOX	Al/Cu 2/0-#6	61035	61035R	1	120
	1			61036	61036R	2	
	3			61038	61038R	3	
	ADDER	BOX	Cu* 2/0-#12	61005	61005R	1	50
	1			61006	61006R	2	
	3			61008	61008R	3	
200 PHENOLIC INSULATOR	1	BOX SIDE-CLIP	AL/Cu 350kcml-#6	62001	62001R	4	375
	3			62003	62003R	5	
	1	BOX SIDE-CLIP	Cu* 350kcml-#6	62051	62051R	4	275
	3			62053	62053R	5	

Note: Adder poles can only be added to other fuse blocks. There is no end barrier to convert them to single pole fuse blocks.

* 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.

CLASS H, K & R

600 VOLT/FUSE BLOCKS

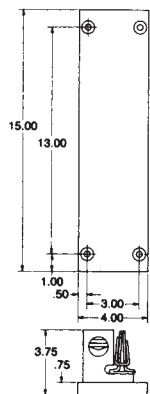


Figure 1

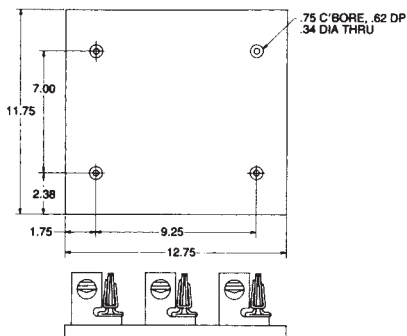


Figure 2

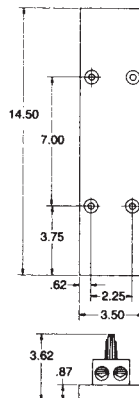


Figure 3

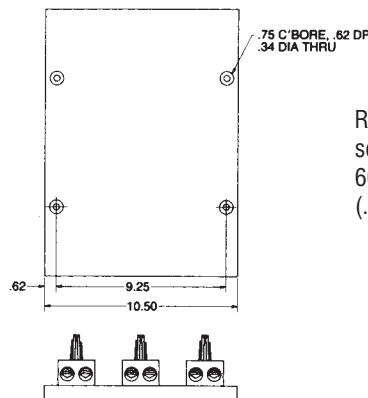


Figure 4

Recommended mounting screws for all 400A and 600A fuse blocks: 5/16 (.313" dia.)

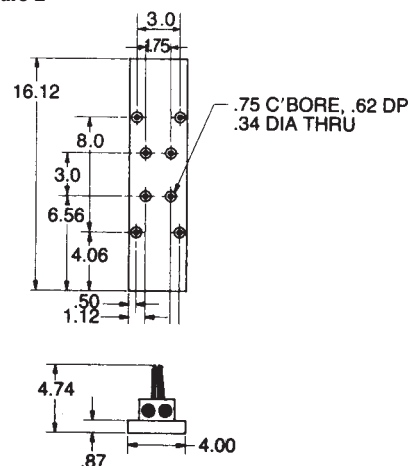


Figure 5

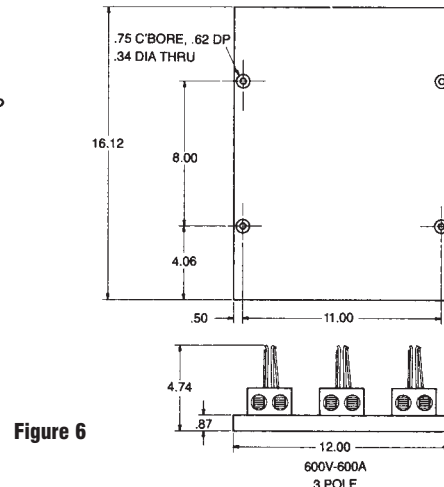


Figure 6

600 Volt, 400 & 600 Ampere Class H, K and R Fuse Blocks

AMPERE RATING	POLES	CONNECTOR		CATALOG NUMBER		FIG.	CONNECTOR TORQUE In - lb
				TYPE OF CLIP			
		TYPE	WIRE RANGE	CLASS H & K SPRING REINFORCED	CLASS R SPRING REINFORCED		
400 PHENOLIC INSULATOR	1 3	BOX* SIDE-CLIP	Al/Cu 1000-250kcmil	64001 64003	64001R 64003R	1 2	375
	1 3	BOX* SIDE-CLIP	Cu** 1000-250kcmil	64051 64053	64051R 64053R	1 2	375
	1 3	BOX IN-LINE CLIP	AL/Cu (2) 350kcmil-#4	64031 64033	64031R 64033R	3 4	275
	1 3	BOX IN-LINE CLIP	Cu** (2) 350kcmil-#6	64061 64063	64061R 64063R	3 4	275
600 PHENOLIC INSULATOR	1 3	BOX IN-LINE CLIP	Al/Cu (2) 500kcmil-#4	6631 6633	6631R 6633R	5 6	500
	1 3	BOX IN-LINE CLIP	Cu** (2) 500kcmil-#4	6661 6663	6661R 6663R	5 6	375

* Not UL Listed or CSA Certified

** 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.