

CLASS H, K & R

250 & 600 Volt Fuse Blocks

250 & 600V Class H, K & R Fuse Blocks

Mersen 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.

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	
Spring Reinforced Class R 	Non-Spring Reinforced 30A & 60A Box 	Spring Reinforced 30A & 60A Box 			
Class H & K 	Non-Spring 30A Screw 	Spring 30A Screw (R) 			
Non-Spring Reinforced 	Non-Spring 30A Pressure Plate 	Spring 30A Screw 			
		Spring Reinforced 30A Pressure Plate 			
Connectors					
Spring Reinforced 100A Box 	Spring Reinforced 400A Box In-Line Clip 				
Spring 200A Box Side Clip 	Spring 400A Box Side Clip 				



Ratings:

Volts : 250VAC / DC

: 600VAC / DC

Amps : 30A, 60A, 100A, 200A, 400A, 600A

SCCR : 10kA with class H fuses
: 50kA with class K fuses
: 200kA with class R fuses

Approvals:

- All fuse blocks meet the requirements of UL 4248
- UL listed, guide IZLT, File E52283
- UL recognized component guide IZLT2, file E52283
- CSA certified class 6225, File 32169



CLASS H, K & R 250 & 600 Volt Fuse Blocks

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

Ampere Rating	Poles	Connector		Catalog No.		Fig.	Connector Torque In - lb
		Type	Wire Range	Class H & K Spring Reinforced	Class R Spring Reinforced		
100 GFPC Insulator	ADDER	Box	Al/Cu 2/0-#6	21035	21035R	1	120
	1			21036	21036R	2	
	2			21037	21037R	3	
	3			21038	21038R	4	
	ADDER	Box	Cu* 2/0-#12	21005	21005R	1	50
	1			21006	21006R	2	
	2			21007	21007R	3	
	3			21008	21008R	4	
200 Phenolic Insulator	1	Box Side- Clip	AL/Cu 350kcmil-#6	22001	22001R	5	375
	3			22003	22003R	6	
	1	Box Side- Clip	Cu* 350kcmil-#6	22051	22051R	5	275
	3			22053	22053R	6	

Note: To convert 100A adder pole to single pole, use end barrier #U09363.

*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.

Recommended mounting screws:

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

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

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

Dimensions

