

Class T

300 & 600 Volt Fuse Blocks

FUSE BLOCKS & HOLDERS

300 & 600V CLASS T FUSE BLOCKS

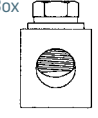
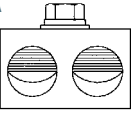
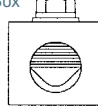


Mersen Class T fuse blocks accommodate Class T fuses up to 600A. Insulators are either durable, glass-filled polycarbonate (GFPC) or phenolic with verified dielectric strength in excess of 2500V. Mersen is the only manufacturer to offer Class T blocks with copper connectors.

RECOMMENDED FUSE USAGE:

- Class T Blocks (300V) use with A3T
- Class T Blocks (600V) use with A6T

CLIP & CONNECTOR TYPES

Spring Reinforced 30A & 60A Clips	Connectors for Spring Reinforced 30A & 60A Clips	Connectors	Connectors
300V - 30A 600V - 30A 	30A - 60A Box 	100A Box Side Clip 	400A Box 
300V - 60A 	30A - 60A Screw 	100A Box 	600A Box 
600V - 60A 	30A - 60A Pressure Plate 	200A Box 	

RATINGS:

- **Volts:** 300VAC/DC, 600VAC/DC
- **Amps:** 30A, 60A, 100A, 200A, 400A, 600A
- **SCCR:** 200kA

FEATURES/BENEFITS:

- Unique integral DIN-rail adapters for 600V, 30 & 60A blocks
- Full barrier design (30 & 60A) increases pole to pole safety
- Unique adder-block design (30 & 60A) for design flexibility
- Spring reinforcing standard for all 30 & 60A clips
- Features high conductivity copper alloy fuse clips
- Cool running high amperage (100 - 600A) connectors
- Copper connectors available 30 - 600A

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



F
B

300 VOLT, 30 & 60 AMPERE CLASS T FUSE BLOCKS

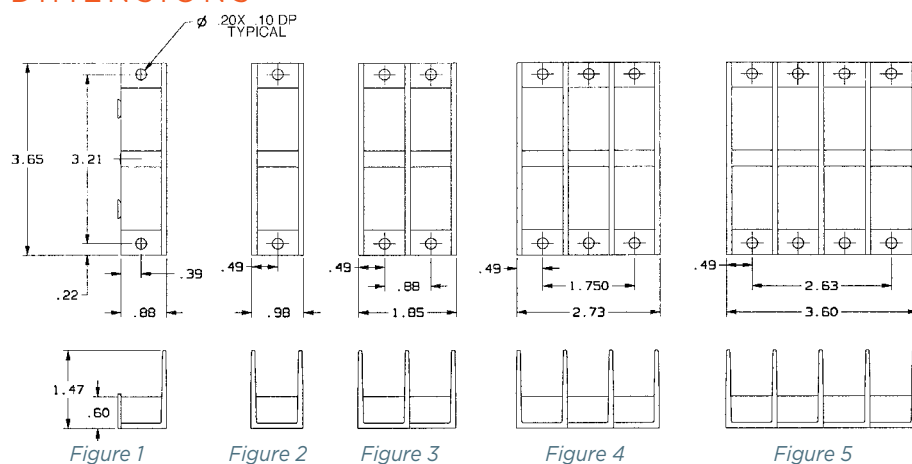
Ampere Rating	Poles	Connector Type	Wire Range	Catalog No. Spring Reinforced	Fig.	Connector Torque In - lb
30 GFPC Insulator	ADDER			30305T	1	
	1		Al/Cu	30306T	2	
	2	Box	#2-14	30307T	3	35
	3			30308T	4	
	4			30309T	5	
	ADDER			30315T	1	
	1		Cu	30316T	2	
	2	Screw	#10-14	30317T	3	20
	3			30318T	4	
	4			30319T	5	
	ADDER			30325T	1	
	1	Pressure	Cu	30326T	2	
	2	Plate	#10-14	30327T	3	20
	3			30328T	4	
	4			30329T	5	
	ADDER			30355T	1	
	1		Cu*	30356T	2	
	2	Box	#4-14	30357T	3	35
	3			30358T	4	
	4			30359T	5	
60 GFPC Insulator	ADDER			30615T**	1	
	1		Cu	30616T**	2	
	2	Screw	#10-14	30617T**	3	20
	3			30618T**	4	
	4			30619T**	5	
	ADDER			30605T	1	
	1		Al/Cu	30606T	2	
	2	Box	#2-14	30607T	3	45
	3			30608T	4	
	4			30609T	5	
	ADDER			30655T	1	
	1		Cu*	30656T	2	
	2	Box	#4-14	30657T	3	45
	3			30658T	4	
	4			30659T	5	

* 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.

** UL Component Recognized

Recommended base mounting screws: #10 (.190" dia.)

DIMENSIONS



300 VOLT, 100, 200, 400 & 600 AMPERE CLASS T FUSE BLOCKS

Ampere Rating	Poles	Connector		Catalog No.	Fig.	Connector Torque In - lb	
		Type	Wire Range			Connector	Fuse Bolt
100 Phenolic Insulator	1		Cu*	31001T	1		
	2	Box	2/0-#12	31002T	2	50	72
	3			31003T	3		
200 Phenolic Insulator	1	Box	Al/Cu	32031T	4	275	132
	3		350 kcmil-#6	32033T	5		
	1	Box	Cu*	32051T	4	275	132
	3		350 kcmil-#6	32053T	5		
400 Phenolic Insulator	1	Box	Al/Cu	34031T	6	600	228
	3		600 kcmil-#2	34033T	7		
	1	Box	Cu*	34051T	6	375	228
	3		600 kcmil-#2	34053T	7		
600 Phenolic Insulator	1	Box	Al/Cu	36031T	8	600	360
			(2) 600 kcmil-#2				
	1	Box	Cu*	36051T	8	375	360
			(2) 600 kcmil-#2				

* Note: Height includes nominal fuse blade thickness
Recommended base mounting screws:
100A & 200A, #10 (.190" dia.)
400A & 600A, 1/4" (.250" dia.)

Note: * Fuse blocks have copper box connectors 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.

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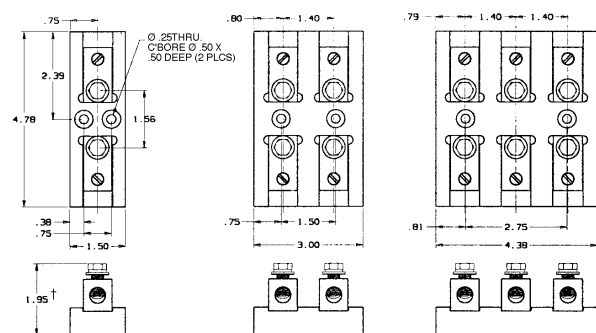


Figure 1

Figure 2

Figure 3

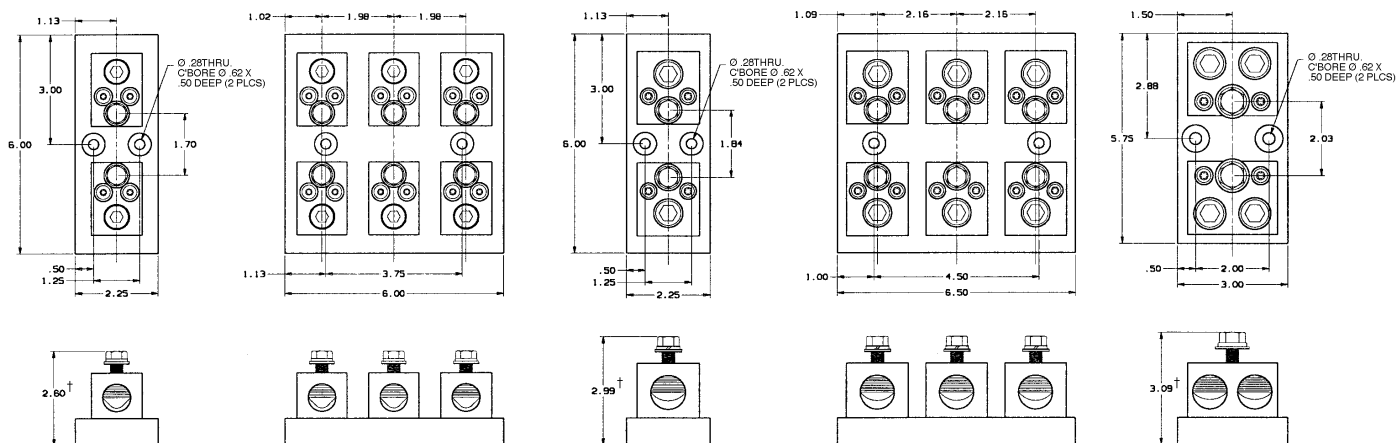


Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

600 VOLT, 30 & 60 AMPERE CLASS T FUSE BLOCKS

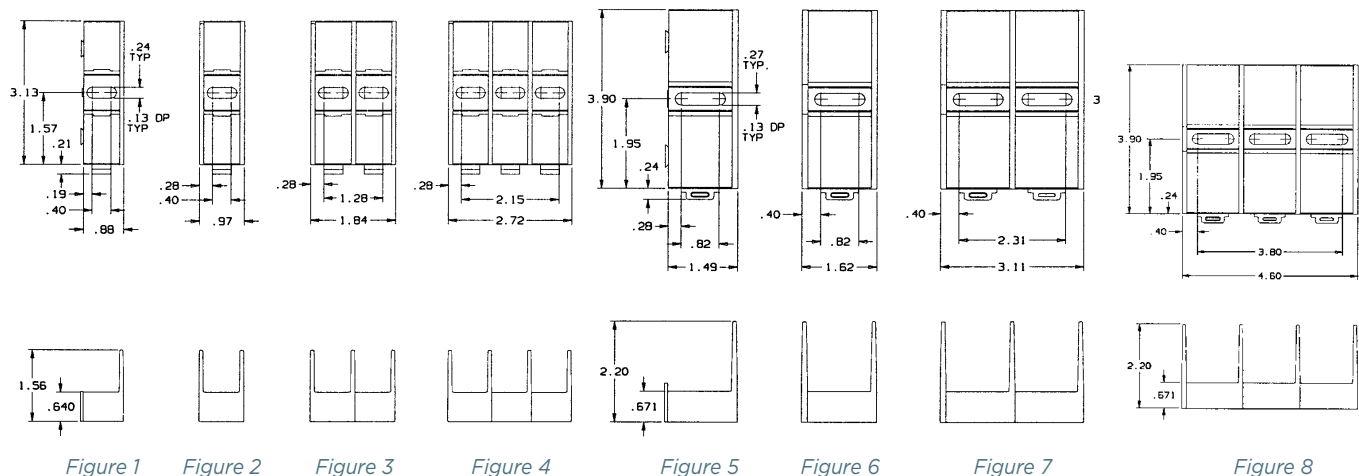
Ampere Rating	Poles	Connector Type	Wire Range	Catalog No. Spring Reinforced	Fig.	Connector Torque In - lb
30 GFPC Insulator	ADDER			60305T	1	
	1	Box	Al/Cu	60306T	2	
	2		#2-14	60307T	3	35
	3			60308T	4	
	ADDER			60315T	1	
	1	Screw	Cu	60316T	2	
	2		#10-14	60317T	3	20
	3			60318T	4	
	ADDER			60325T	1	
	1	Pressure	Cu	60326T	2	
	2	Plate	#10-14	60327T	3	20
	3			60328T	4	
	ADDER			60355T	1	
	1	Box	Cu*	60356T	2	
	2		#4-14	60357T	3	35
	3			60358T	4	
60 GFPC Insulator	ADDER			60615T**	5	
	1	Screw	Cu	60616T**	6	
	2		#10-14	60617T**	7	20
	3			60618T**	8	
	ADDER			60605T	5	
	1	Box	Al/Cu	60606T	6	
	2		#2-14	60607T	7	45
	3			60608T	8	
	ADDER			60655T	5	
	1	Box	Cu*	60656T	6	
	2		#4-14	60657T	7	45
	3			60658T	8	

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** UL Component Recognized

Recommended mounting screws:
30A, #10 (.190" dia.)
60A, 1/4" (.250" dia.)

DIMENSIONS



600 VOLT, 100, 200, 400 & 600 AMPERE CLASS T FUSE BLOCKS

Ampere Rating	Poles	Connector		Catalog No.	Fig.	Torque (In - Lbs)	
		Type	Wire Range	Spring Reinforced		Connector	Fuse Bolt
100 Phenolic Insulator	1	BOX	Al/Cu 2/0-#6	61031T	1	120	72
	2			61032T	2		
	3			61033T	3		
	1	BOX	Cu* 2/0-#12	61051T	1	50	72
	2			61052T	2		
	3			61053T	3		
200 Phenolic Insulator	1	BOX	Al/Cu 350 kcmil-#6	62031T	4	275	132
	3			62033T	5		
	1	BOX	Cu* 350 kcmil-#6	62051T	4	275	132
	3			62053T	5		
400 Phenolic Insulator	1	BOX	Al/Cu 600 kcmil-#2	64031T	6	600	228
	1	BOX	Cu* 600 kcmil-#2	64051T	6	375	228
600 Phenolic Insulator	1	BOX	Al/Cu (2) 600 kcmil-#2	66031T	7	600	360
	1	BOX	Cu* (2) 600 kcmil-#2	66051T	7	375	360

Note: Fuse blocks have copper box connectors 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 base mounting screws:
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400A & 600A, 1/4" (.250" dia.)

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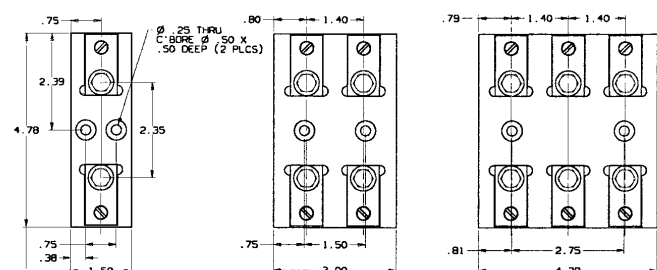


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Figure 2

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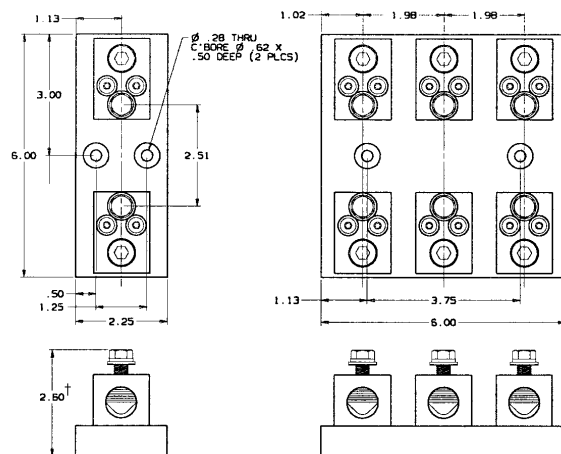


Figure 4

Figure 5

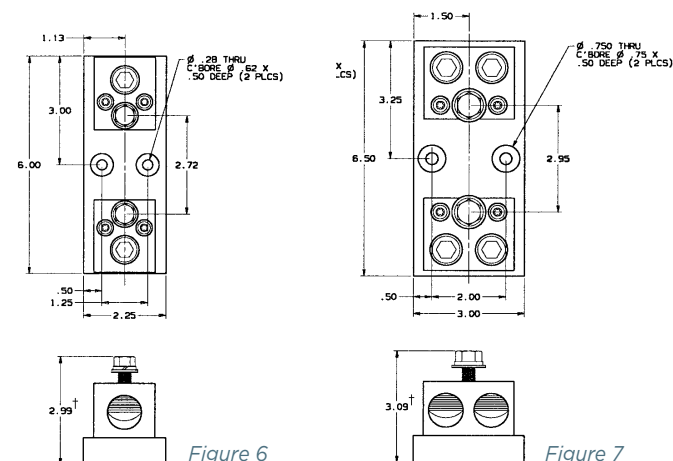


Figure 6

Figure 7

* Note: Height includes nominal fuse blade thickness