

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

### All Model ECA, ECAT and MCA, MCAT Controllers

#### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

#### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40	#6-3/0	#6-3/0					
50			#6-3/0				
60	#6-300	#6-300					
75	#4-500	#4-500	#6-300	#6-3/0			
100			#4-500		#6-3/0	#6-3/0	
125	#2-600x2	#2-600x2		#6-300	#6-300		#6-3/0
150			#2-600x2	#4-500	#4-500	#6-300	
200	x	x				#4-500	#4-500
250	x	x	x				#4-500
300	x	x	x	#2-600x2	#2-600x2	#2-600x2	
350	x	x	x				#2-600x2
400	x	x	x	x	x		

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

All ECP, ECPT and MCP, MCPT Controllers

### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40							
50	#6-3/0	#6-3/0					
60							
75			#6-3/0				
100	#4-500	#4-500	#6-300				
125			#4-500	#6-3/0	#6-3/0	#6-3/0	
150							
200	x	x	#2-600x2	#6-300	#6-300	#6-300	#6-3/0
250	x	x	x	#4-500	#4-500	#4-500	#4-500
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x	#2-600x2	

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

### All ECR, ECRT and MCR, MCRT Controllers

#### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

#### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40	#6-3/0	#6-3/0					
50			#6-3/0				
60	#6-300	#6-300					
75	#4-500	#4-500	#6-300	#6-3/0			
100			#4-500		#6-3/0	#6-3/0	
125	#2-600x2	#2-600x2		#6-300	#6-300		#6-3/0
150			#2-600x2	#4-500	#4-500	#6-300	
200	x	x				#4-500	#4-500
250	x	x	x				#4-500
300	x	x	x	#2-600x2	#2-600x2	#2-600x2	
350	x	x	x				#2-600x2
400	x	x	x	x	x		

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

All ECO, ECOT ECY, ECYT and MCO, MCOT MCY, MCYT Controllers

### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40							
50							
60	#6-3/0	#6-3/0					
75			#6-3/0				
100	#6-300	#6-300					
125	#4-500	#4-500	#6-300				
150			#4-500	#6-3/0	#6-3/0	#6-3/0	
200	x	x					#6-3/0
250	x	x	x	#4-500	#6-300	#6-300	
300	x	x	x		#4-500	#4-500	#4-500
350	x	x	x				
400	x	x	x	x	x		

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

### All ECS, ECST and MCS, MCST Controllers

#### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

#### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40	#6-3/0	#6-3/0					
50			#6-3/0				
60	#6-300	#6-300					
75	#4-500	#4-500	#6-300	#6-3/0			
100			#4-500		#6-3/0	#6-3/0	
125	#2-600x2	#2-600x2		#6-300	#6-300		#6-3/0
150			#2-600x2	#4-500	#4-500	#6-300	
200	x	x				#4-500	#4-500
250	x	x	x				#4-500
300	x	x	x	#2-600x2	#2-600x2	#2-600x2	
350	x	x	x				#2-600x2
400	x	x	x	x	x		

# MASTER

## G4 - Fire Pump Controller Input and Output Lug Sizes

### All ECT, ECTT and MCT, MCTT Controllers

#### INPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0	8-3/0
20							
25							
30							
40							
50	3/0-350	3/0-350					
60			3/0-350				
75	3/0-500x2						
100		3/0-500x2	3/0-500x2	3/0-350	3/0-350		
125						3/0-350	
150							3/0-350
200	x	x		3/0-500x2	3/0-500x2	3/0-500x2	
250	x	x	x				3/0-500x2
300	x	x	x				
350	x	x	x				
400	x	x	x	x	x		

#### OUTPUT LUG SIZING

Maximum Motor HP	Motor Rated Voltage						
	200 V	208 V	230 V	380 V	415 V	460 V	575 V
3-15	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0	#14-2/0
20							
25							
30							
40	#6-3/0	#6-3/0					
50			#6-3/0				
60	#6-300	#6-300					
75	#4-500	#4-500	#6-300	#6-3/0			
100			#4-500		#6-3/0	#6-3/0	
125	#2-600x2	#2-600x2		#6-300	#6-300		#6-3/0
150			#2-600x2	#4-500	#4-500	#6-300	
200	x	x				#4-500	#4-500
250	x	x	x				#4-500
300	x	x	x	#2-600x2	#2-600x2	#2-600x2	
350	x	x	x				#2-600x2
400	x	x	x	x	x		