

**MYERS<sup>®</sup>**  
MODELS CE, CMEP and CMW  
**ELECTRICAL CONTROL PANELS**

# MYERS® MODELS CE, CMEP AND CMW Electrical Control Panels

## Advantages by Design

Myers® has re-engineered the control panel line for improved durability, reliability and economy. CAD flexibility enhances our response time to help us better meet your control panel requirements. Contact your Myers distributor, or the Myers Ohio sales office at 419-289-1144 for more details.

## Quality Electrical Components Assure Reliable, Automatic Pump Operation

- IEC horsepower-rated contractors (single-phase) and motor starters (three-phase) rated at over 1 million cycles.
- Three-phase starters with ambient-compensated quick-trip overloads for maximum motor protection.
- Solid state alternating relay to equalize pump wear and override relay to start second pump if first one fails on duplex panel.
- Designed for use with standard mercury float switches, off-on-lag-alarm.

## Corrosion Resistant for Long Life

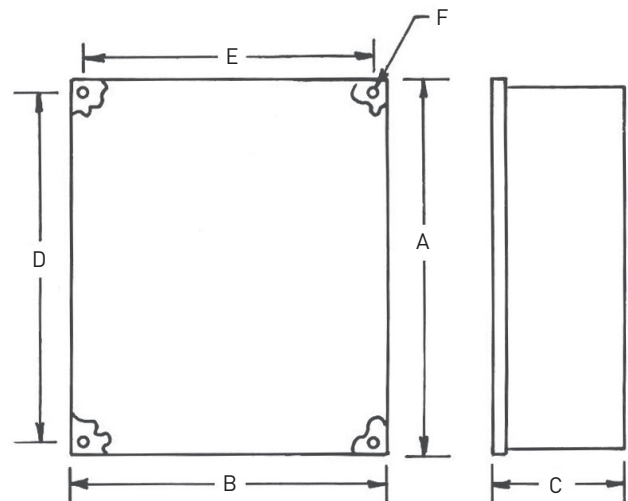
- Outdoor panels equipped with a weathertight fiberglass or enamel coated galvanized steel enclosure and aluminum back panel.
- Indoor NEMA 1 panels made of enamel-coated galvanized steel.

## Meets NEC and UL Standards for Safety

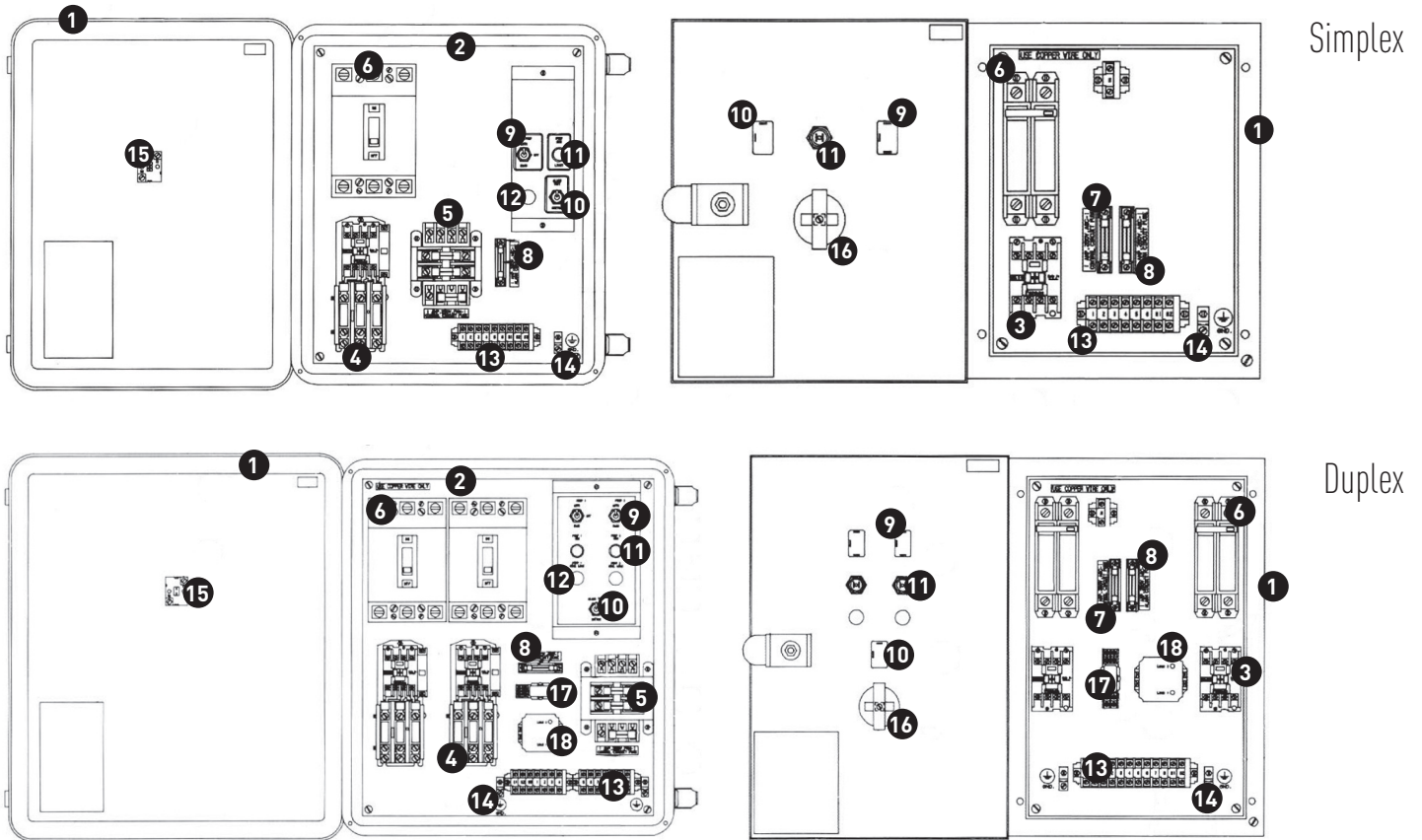
- UL approved panel designs.
- 100 VA (simplex) and 150 VA (duplex) control circuit transformer with primary fusing on three-phase panels.
- Main circuit breaker (simplex) or pump circuit breaker (duplex).

Simplex Enclosure Dimensions					
Panel	NEMA 1 1Ø	NEMA 1 3Ø	NEMA 4X 1Ø	NEMA 4X 3Ø	NEMA 4X 1Ø 3 HP CMW
Material	Steel	Steel	Fiberglass	Fiberglass	Fiberglass
A	12-1/4	16-1/4	13-9/16	17-1/2	15-1/2
B	10-1/4	12-1/4	11-7/16	15-7/16	13-3/8
C	6	6	6-9/16	7-11/16	7-11/16
D	9	13	12-3/4	16-3/4	14-5/8
E	9	11	8	12	10
F	9/32	9/32	5/16	5/16	5/16

Duplex Enclosure Dimensions						
Panel	NEMA 1 1Ø	NEMA 1 3Ø	NEMA 4X 1Ø	NEMA 4X 3Ø	NEMA 3R 3Ø	NEMA 1 1Ø 3 HP CMW
Material	Steel	Steel	Fiberglass	Fiberglass	Steel	Steel
A	16-1/4	20	17-1/2	19-5/8	24	20
B	12-1/4	16	15-7/16	17-1/2	20	16
C	6	6-5/8	7-11/16	10-5/8	8	6-5/8
D	13	17-7/8	16-3/4	18-7/8	25	17-7/8
E	11	11	12	12	13	11
F	9/32	5/16	5/16	5/16	11/32	5/16



# Standard and Optional Features



## Standard Panel Features

- 1.** Corrosion-resistant Enclosure  
NEMA 4X fiberglass (outdoor).  
NEMA 1 steel (indoor).
- 2.** Aluminum Back Panel  
NEMA 4X only.
- 3.** IEC Contractor  
Silver cadmium oxide contacts.
- 4.** IEC Motor Starter  
3-Pole bi-metal overload relay.
- 5.** 150VA Control Circuit Transformer  
Primary fusing on 3Ø.
- 6.** Main Circuit Breaker
- 7.** Control Circuit Fuse  
1 Amp.
- 8.** Alarm Circuit Fuse  
1 Amp.

- 9.** Hand-Off-Auto Switch  
Momentary in-hand position.
- 10.** Alarm Test Switch
- 11.** Pump Run Light  
Amber.
- 12.** Seal Leak Light  
Red. Use with double seal pumps only.
- 13.** Terminal Blocks  
For pump and float connections.
- 14.** Ground Lug
- 15.** Alarm Light  
Nameplate mounted through enclosure front (NEMA 4X).
- 16.** Alarm Buzzer  
86 db at 10 ft. (NEMA 1).
- 17.** Override Relay (Duplex Only)  
In event of first pump failure.
- 18.** Alternator Relay (Duplex Only)  
Solid state.

## Optional Panel Features

- Elapsed time meter
- Alarm bell or horn
- Alarm bell or horn with silence switch
- Auxiliary contacts
- Condensation heater
- Convenience outlet
- Intrinsically safe relays
- Lightning arrester
- Full inner door
- Cycle counter
- 24-Volt control circuitry
- Transfer switch/generator receptacle
- Pump delay circuitry
- Low level cut-off and alarm
- Phase loss Circuitry
- Low voltage circuitry

# Panel Models

## Simplex Panel Models

Catalog Number	Enclosure	HP	Volts/ Phase	Used with Pump							3MW (1-2 HP)	3MW (3 HP)
				S/SS/ SR	MW	WHR(H)	ME	P				
CE-11SW	NEMA 4X	1/4 - 1/2	115/1	X	X	X	X	X				
CE[DS]-11SW	NEMA 4X	1/2	115/1			X						
CMEP(SL)-11SW	NEMA 4X	1/3 - 1/2	115/1				X	X				
CE-21SW	NEMA 4X	1/2 - 2	230/1	X	X	X	X	X	X	X		
CE[DS]-21SW	NEMA 4X	1/2 - 2	230/1			X						
CMEP(SL)-21SW	NEMA 4X	1/3 - 2	230/1		X		X	X	X	X		
CE-23SW	NEMA 4X	1/2 - 2	208/230/3		X	X	X			X		
CMEP(SL)-23SW	NEMA 4X	1/3 - 2	208/230/3		X	X	X			X		
CE-43SW	NEMA 4X	1/2 - 2	460/3		X	X	X			X		
CMEP(SL)-43SW	NEMA 4X	1/3 - 2	460/3		X		X			X		
CE-11S	NEMA 1	1/4 - 1/2	115/1	X	X	X	X	X				
CE[DS]-11S	NEMA 1	1/2	115/1			X						
CMEP(SL)-11S	NEMA 1	1/3 - 1/2	115/1				X	X				
CE-21S	NEMA 1	1/2 - 2	230/1	X	X	X	X	X	X	X		
CE[DS]-21S	NEMA 1	1/2 - 2	230/1			X						
CMEP(SL)-21S	NEMA 1	1/3 - 2	230/1		X		X	X	X	X		
CE-23S	NEMA 1	1/2 - 2	208/230/3		X	X	X			X		
CMEP(SL)-23S	NEMA 1	1/3 - 2	208/230/3		X		X			X		
CE-43S	NEMA 1	1/2 - 2	460/3		X	X	X			X		
CMEP(SL)-43S	NEMA 1	1/3 - 2	460/3		X		X			X		
CMW-30-21SW	NEMA 4X	3	230/1								X	
CMW-30-23SW	NEMA 4X	3	208/230/3								X	
CMW-30-43SW	NEMA 4X	3	460/3								X	
CMWD-30-21SW	NEMA 4X	3	230/1								X	
CMWD-30-23SW	NEMA 4X	3	208/230/3								X	
CMWD-30-43SW	NEMA 4X	3	460/3								X	
CMW-30-21S	NEMA 1	3	230/1								X	
CMW-30-23S	NEMA 1	3	208/230/3								X	
CMW-30-43S	NEMA 1	3	460/3								X	
CMWD-30-21S	NEMA 1	3	230/1								X	
CMWD-30-23S	NEMA 1	3	208/230/3								X	
CMWD-30-43S	NEMA 1	3	460/3								X	

## Duplex Panel Models

Catalog Number	Enclosure	HP	Volts/Phase	Used with Pump									3MW (1-2 HP)	3MW (3 HP)
				SSM/ SRM	MW	WHR	WHR(H)	ME	P					
CE-11DW	NEMA 4X	1/4 - 1/2	115/1	X	X	X	X	X	X	X				
CE[DS]-11DW	NEMA 4X	1/2	115/1				X							
CMEP(SL)-11DW	NEMA 4X	1/3 - 1/2	115/1					X	X					
CE-21DW	NEMA 4X	1/2 - 2	230/1	X	X	X	X	X	X	X	X			
CE[DS]-21DW	NEMA 4X	1/2 - 2	230/1				X							
CMEP(SL)-21DW	NEMA 4X	1/3 - 1/2	230/1		X			X	X	X	X			
CE-23DW	NEMA 4X	1/2 - 2	208/230/3		X	X	X	X			X			
CMEP(SL)-23DW	NEMA 3R	1/3 - 1/2	208/230/3		X			X			X			
CE-43DW	NEMA 4X	1/2 - 2	460/3		X	X	X	X			X			
CMEP(SL)-43DW	NEMA 3R	1/3 - 1/2	460/3		X			X			X			
CE-11D	NEMA 1	1/4 - 1/2	115/1	X	X	X	X	X	X	X				
CE[DS]-11D	NEMA 1	1/2	115/1				X							
CMEP(SL)-11D	NEMA 1	1/3 - 1/2	115/1						X	X	X			
CE-21D	NEMA 1	1/2 - 2	230/1	X	X	X	X	X	X	X	X			
CE[DS]-21D	NEMA 1	1/2 - 2	230/1				X							
CMEP(SL)-21D	NEMA 1	1/3 - 1/2	230/1		X			X	X	X	X			
CE-23D	NEMA 1	1/2 - 2	208/230/3		X	X	X	X			X			
CMEP(SL)-23D	NEMA 1	1/3 - 1/2	208/230/3		X			X			X			
CE-43D	NEMA 1	1/2 - 2	460/3		X	X	X	X			X			
CMEP(SL)-43D	NEMA 1	1/3 - 1/2	460/3		X			X			X			
CMW-30-21DW	NEMA 4X	3	230/1									X		
CMW-30-23DW	NEMA 4X	3	208/230/3									X		
CMW-30-43DW	NEMA 4X	3	460/3									X		
CMWD-30-21DW	NEMA 4X	3	230/1									X		
CMWD-30-23DW	NEMA 3R	3	208/230/3									X		
CMWD-30-43DW	NEMA 3R	3	460/3									X		
CMW-30-21D	NEMA 1	3	230/1									X		
CMW-30-23D	NEMA 1	3	208/230/3									X		
CMW-30-43D	NEMA 1	3	460/3									X		
CMWD-30-21D	NEMA 1	3	230/1									X		
CMWD-30-23D	NEMA 1	3	208/230/3									X		
CMWD-30-43D	NEMA 1	3	460/3									X		

Note: CE[DS], CMEP(SL) and CMWD catalog numbers are for double seal pump with seal leak sensor, panel has seal leak light.

**ISO 9001 Registered Quality System**



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