

Reduced Voltage Pump Panels

Auto Transformer & Part Winding (2 Step) with Solid State Overload, Class 88

Selection

NEMA CONTROL PRODUCTS

ESP200 Pump Panels

Ordering Information	Coil and Control Voltage
<ul style="list-style-type: none"> ▶ Field Modification Kits see page 39. ▶ Factory Modifications see page 46. ▶ Dimensions see page 51. ▶ Wiring Diagrams see page 54. ▶ Replacement Parts see pages 67. 	<p>The coil voltage on the contactors will be the motor voltage. A CPT will be supplied to provide the control voltage. The control voltage will be 120V.</p> <p>To change the control voltage to customer supplied (no CPT included), change the 9th character to the following:</p> <p>for 24V , use "J"</p> <p>for 120V, use "F"</p>

Auto Transformer Type

Motor Voltage	Max Hp	Overload		NEMA Size	Half Size	Fusible Disconnect			Circuit Breaker		
		Amp Range	Frame Size			Fuse Clip Size Amps/Volts	Catalog Number	List Price \$	Circuit Breaker Amps	Catalog Number	List Price \$
230	15	13-52	B	2	—	60A/250V	88FUFT2FG	8044.00	50	88FUFT2MG	8150.00
	20	25-100	B	—	2½	100A/250V	88GUGT2FG	10880.00	100	88GUGT2MG	11102.00
	30	25-100	B	3	—	100A/250V	88HUGT2FG	11611.00	100	88HUGT2MG	12719.00
	40	50-200	B	—	3¾	200A/250V	88IUHT2FG	16495.00	125	88IUHT2MG	18217.00
	50	50-200	B	4	—	200A/250V	88JUHT2FG	17422.00	150	88JUHT2MG	19149.00
	75	55-250	—	5	—	—	—	—	250	88LPST2MG	29534.00
	100	55-250	—	5	—	400A/250V	88LPST2MG	30172.00	400	88LPST2MG	32254.00
460	200	160-630	—	6	—	—	—	—	600	88MSXT2MG	53970.00
	25	13-52	B	2	—	60A/600V	88FUFT4FH	8578.00	50	88FUFT4MH	8715.00
	30	25-100	B	—	2½	60A/600V	88GUGT4FH	11287.00	50	88GUGT4MH	11398.00
	50	25-100	B	3	—	100A/600V	88HUGT4FH	12023.00	100	88HUGT4MH	12618.00
	75	50-200	B	—	3¾	200A/600V	88IUHT4FH	17055.00	125	88IUHT4MH	18441.00
	100	50-200	B	4	—	200A/600V	88JUHT4FH	19030.00	150	88JUHT4MH	19603.00
	150	55-250	—	5	—	—	—	—	250	88LPST4MH	30859.00
	200	55-250	—	5	—	400A/600V	88LPST4MH	28178.00	400	88LPST4MH	30859.00
400	160-630	—	6	—	600A/600V	88MSXT4FH	48642.00	600	88MSXT4MH	53966.00	

Part Winding 2 Step

Motor Voltage	Max Hp	Overload		NEMA Size	Half Size	Fusible Disconnect			Circuit Breaker		
		Amp Range	Frame Size			Fuse Clip Size Amps/Volts	Catalog Number	List Price \$	Circuit Breaker Amps	Catalog Number	List Price \$
230	20	10-40	A1	—	1¾	100A/250V	88EUEP2FG	4811.00	100	88EUEP2MG	4510.00
	25	13-52	B	2	—	100A/250V	88FUF2FG	5208.00	100	88FUF2MG	5043.00
	40	25-100	B	—	2½	200A/250V	88GUGP2FG	7357.00	100	88GUGP2MG	7165.00
	50	25-100	B	3	—	200A/250V	88HUGP2FG	7977.00	150	88HUGP2MG	7784.00
	60	50-200	B	—	3¾	200A/250V	88IUHP2FG	14133.00	250	88IUHP2MG	15217.00
	75	50-200	B	4	—	400A/250V	88JUHP2FG	14917.00	250	88JUHP2MG	15991.00
	125	55-250	—	5	—	—	—	—	400	88LPSP2MG	28178.00
	150	55-250	—	5	—	600A/250V	88LPUP2FG	28846.00	600	88LPUP2MG	29534.00
460	30	10-40	A1	—	1¾	100A/600V	88EUEP4FG	4811.00	100	88EUEP4MG	4510.00
	40	13-52	B	2	—	100A/600V	88FUF4FG	5208.00	100	88FUF4MG	5043.00
	60	25-100	B	—	2½	200A/600V	88GUGP4FG	7357.00	100	88GUGP4MG	7165.00
	75	25-100	B	3	—	200A/600V	88HUGP4FG	7977.00	150	88HUGP4MG	7784.00
	100	50-200	B	—	3¾	200A/600V	88IUHP4FG	14133.00	250	88IUHP4MG	15217.00
	150	50-200	B	4	—	400A/600V	88JUHP4FG	14917.00	250	88JUHP4MG	15991.00
	250	55-250	—	5	—	—	—	—	400	88LPSP4MG	29534.00
	350	55-250	—	5	—	600A/600V	88LPUP4FG	28846.00	600	88LPSP4MG	29534.00

Note: All starter sizes carry one maximum Hp rating (per the National Electric Code).

Reduced Voltage Pump Panels

Wye Delta with Solid State Overload, Class 88

Selection

Ordering Information	Coil and Control Voltage
<ul style="list-style-type: none"> ▶ Field Modification Kits see page 39. ▶ Factory Modifications see page 46. ▶ Dimensions see page 51. ▶ Wiring Diagrams see page 54. ▶ Replacement Parts see pages 67. 	<p>The coil voltage on the contactors will be the motor voltage. A CPT will be supplied to provide the control voltage. The control voltage will be 120V.</p> <p>To change the control voltage to customer supplied (no CPT included), change the 9th character to the following: for 24V , use "J" for 120V, use "F"</p>

Wye Delta

Motor Voltage	Max Hp	Overload		NEMA Size	Half Size	Fuse Clip Size Amps/Volts	Motor Circuit Interrupter ETI Amps	Open Transition				Closed Transition			
		Amp Range	Frame Size					Fusible Disconnect		Circuit Breaker		Fusible Disconnect		Circuit Breaker	
								Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
200	10	10-40	A1	1	—	60A/250V	50	88DUE06FD	6049.00	88DUE06MD	6426.00	88DUEC6FD	7803.00	88DUEC6MD	8180.00
	15	10-40	A1	—	1½	100A/250V	100	88EUE06FD	6796.00	88EUE06MD	6766.00	88EUEC6FD	8248.00	88EUEC6MD	8566.00
	20	13-52	B	2	—	100A/250V	100	88FUF06FD	7744.00	88FUF06MD	7424.00	88FUC6FD	9176.00	88FUC6MD	9235.00
	30	25-100	B	—	2½	200A/250V	125	88GUG06FD	9707.00	88GUG06MD	9825.00	88GUC6FD	11423.00	88GUC6MD	11925.00
	40	25-100	B	3	—	200A/250V	150	88HUG06FD	10454.00	88HUG06MD	10957.00	88HUC6FD	12662.00	88HUC6MD	13164.00
	50	50-200	B	—	3½	200A/250V	250	88IUH06FD	18372.00	88IUH06MD	19622.00	88IHC6FD	21111.00	88IHC6MD	22844.00
	60	50-200	B	4	—	400A/250V	250	88JUH06FD	19048.00	88JUH06MD	20782.00	88JHC6FD	22738.00	88JHC6MD	24471.00
	75	55-250	—	5	—	400A/600V	400	88LPS06FD	28658.00	88LPS06MD	33506.00	88LPC6FD	38270.00	88LPC6MD	38173.00
230	150	55-250	—	5	—	600A/600V	600	88LPU06FD	34644.00	88LPU06MD	34025.00	88LPC6FD	39484.00	88LPC6MD	38865.00
	300	160-630	—	6	—	—	800	—	—	88MSX06MD	63170.00	—	—	88MSXC6MD	75018.00
	10	10-40	A1	1	—	60A/250V	50	88DUE02FG	6049.00	88DUE02MG	6426.00	88DUEC2FG	7803.00	88DUEC2MG	8180.00
	15	10-40	A1	—	1½	60A/250V	50	88EUE02FG	6688.00	88EUE02MG	8566.00	88EUEC2FG	8141.00	88EUEC2MG	8566.00
	25	13-52	B	2	—	100A/250V	100	88FUF02FG	7744.00	88FUF02MG	7424.00	88FUC2FG	9176.00	88FUC2MG	9235.00
	30	25-100	B	—	2½	200A/250V	100	88GUG02FG	9707.00	88GUG02MG	9825.00	88GUC2FG	11423.00	88GUC2MG	11925.00
	50	25-100	B	3	—	200A/250V	150	88HUG02FG	10454.00	88HUG02MG	10957.00	88HUC2FG	12662.00	88HUC2MG	13164.00
	60	50-200	B	—	3½	200A/250V	250	88IUH02FG	18372.00	88IUH02MG	19622.00	88IHC2FG	21111.00	88IHC2MG	22844.00
460	75	50-200	B	4	—	400A/250V	250	88JUH02FG	19048.00	88JUH02MG	20782.00	88JHC2FG	22738.00	88JHC2MG	24471.00
	100	55-250	—	5	—	400A/250V	400	88LPS02FG	28658.00	88LPS02MG	33506.00	88LPC2FG	38270.00	88LPC2MG	38173.00
	150	55-250	—	5	—	600A/250V	600	88LPU02FG	34644.00	88LPU02MG	34025.00	88LPC2FG	39484.00	88LPC2MG	38865.00
	350	160-630	—	6	—	—	1200	—	—	88MSX02MG	63170.00	—	—	88MSXC2MG	75018.00
	15	10-40	A1	1	—	60A/600V	30	—	—	—	—	—	—	—	—
	30	10-40	A1	—	1½	60A/600V	50	88EUE04FH	6708.00	88EUE04MH	6766.00	88EUEC4FH	8160.00	88EUEC4MH	8566.00
	40	13-52	B	2	—	100A/600V	100	88FUF04FH	7357.00	88FUF04MH	7424.00	88FUC4FH	9380.00	88FUC4MH	9447.00
	60	25-100	B	—	2½	200A/600V	100	88GUG04FH	9322.00	88GUG04MH	9825.00	88GUC4FH	11635.00	88GUC4MH	12138.00
575	75	25-100	B	3	—	200A/600V	125	88HUG04FH	10454.00	88HUG04MH	10957.00	88HUC4FH	13697.00	88HUC4MH	14201.00
	100	50-200	B	—	3½	200A/600V	150	88IUH04FH	15991.00	88IUH04MH	19622.00	88IHC4FH	21829.00	88IHC4MH	23928.00
	150	50-200	B	4	—	400A/600V	250	88JUH04FH	19048.00	88JUH04MH	20782.00	88JHC4FH	23590.00	88JHC4MH	25322.00
	200	55-250	—	5	—	400A/600V	400	88LPS04FH	28658.00	88LPU04MH	34025.00	88LPC4FH	39141.00	88LPC4MH	39044.00
	300	55-250	—	5	—	600A/600V	600	88LPU04FH	34644.00	88LPU04MH	34025.00	88LPC4FH	41976.00	88LPC4MH	40964.00
	700	160-630	—	6	—	—	1200	—	—	88MSX04MH	63170.00	—	—	88MSXC4MH	75018.00
	15	10-40	A1	1	—	60A/600V	30	—	—	—	—	—	—	—	—
	30	10-40	A1	—	1½	60A/600V	50	88EUE05FE	6708.00	88EUE05ME	6766.00	88EUEC5FE	8160.00	88EUEC5ME	8566.00
40	13-52	B	2	—	100A/600V	50	88FUF05FE	7357.00	88FUF05ME	7424.00	88FUC5FE	9380.00	88FUC5ME	9447.00	
60	25-100	B	—	2½	200A/600V	100	88GUG05FE	9322.00	88GUG05ME	9825.00	88GUC5FE	11635.00	88GUC5ME	12138.00	
75	25-100	B	3	—	200A/600V	125	88HUG05FE	10454.00	88HUG05ME	10957.00	88HUC5FE	13697.00	88HUC5ME	14201.00	
100	50-200	B	—	3½	200A/600V	150	88IUH05FE	15991.00	88IUH05ME	19622.00	88IHC5FE	21829.00	88IHC5ME	23928.00	
150	50-200	B	4	—	400A/600V	250	88JUH05FE	19048.00	88JUH05ME	20782.00	88JHC5FE	23590.00	88JHC5ME	25322.00	
200	55-250	—	5	—	400A/600V	400	88LPS05FE	28658.00	88LPU05ME	34025.00	88LPC5FE	39141.00	88LPC5ME	39044.00	
300	55-250	—	5	—	600A/600V	400	88LPU05FE	34644.00	88LPU05ME	34025.00	88LPC5FE	41584.00	88LPC5ME	40964.00	
700	160-630	—	6	—	—	1200	—	—	88MSX05ME	63170.00	—	—	88MSXC5ME	75018.00	

Note: All starter sizes carry one maximum Hp rating (per the National Electric Code).