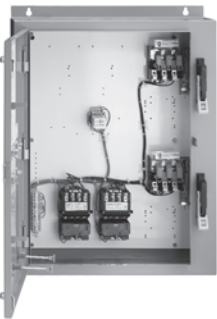


Duplex Heavy Duty Controllers

Combination Disconnect [Fusible & Non-Fusible], Class 84

Selection

	Ordering Information <ul style="list-style-type: none"> ▶ Standard coil voltage supplied will be 120V, separate control. For non-alternator styles (see factory modifications) change the 10th character using the coil table. ▶ Heater elements for bimetal overloads see page 8/150 (6-Required). ▶ For factory installed fusible disconnect, see page 8/96. ▶ Field Modification Kits see page 8/82. ▶ Factory Modifications see page 8/95. ▶ Dimensions see page 8/127. ▶ Wiring Diagrams see page 8/143. ▶ Replacement Parts see page 8/157. 	Coil Table <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> </tr> </thead> <tbody> <tr> <td>24 Separate Control[Ⓢ]</td> <td>J</td> </tr> <tr> <td>120 Separate Control</td> <td>F</td> </tr> <tr> <td>200–208[Ⓢ]</td> <td>D</td> </tr> <tr> <td>220–240[Ⓢ]</td> <td>G</td> </tr> <tr> <td>277[Ⓢ]</td> <td>L</td> </tr> <tr> <td>440–480[Ⓢ]</td> <td>H</td> </tr> <tr> <td>550–600[Ⓢ]</td> <td>E</td> </tr> </tbody> </table>	60Hz Voltage	Letter	24 Separate Control [Ⓢ]	J	120 Separate Control	F	200–208 [Ⓢ]	D	220–240 [Ⓢ]	G	277 [Ⓢ]	L	440–480 [Ⓢ]	H	550–600 [Ⓢ]	E
	60Hz Voltage	Letter																
24 Separate Control [Ⓢ]	J																	
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277 [Ⓢ]	L																	
440–480 [Ⓢ]	H																	
550–600 [Ⓢ]	E																	

Two Disconnect Switches with Solid-State Overload

Max Hp				NEMA Size	Half Size	Overload		Disc. Amp Range	Enclosure [Ⓢ]							
200 Volts	230 Volts	460 Volts	575 Volts			Amp Range	Frame Size		NEMA 1 General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight, Corrosion Resistant 304 Stainless Steel 316 Stainless Steel (Optional)	NEMA 4 Painted Watertight, Dust-tight	NEMA 12 NEMA 3/3R [Ⓢ] Industrial Use Weatherproof (Field Convertible to 3/3R)				
200 Volts	230 Volts	460 Volts	575 Volts						Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1/2	1/2	1/2	1/2	0	—	0.25–1	A	30	84CUA92BDF		84CUA92WDF		84CUA92EDF		84CUA920DF	
1/2	1/2	1 1/2	2	0	—	0.75–3.4	A	30	84CUB92BDF		84CUB92WDF		84CUB92EDF		84CUB920DF	
2	2	5	5	0	—	3–12	A1	30	84CUC92BDF		84CUC92WDF		84CUC92EDF		84CUC920DF	
3	3	—	—	0	—	5.5–22	A1	30	84CUD92BDF		84CUD92WDF		84CUD92EDF		84CUD920DF	
1/2	1/2	1/2	1/2	1	—	0.25–1	A	30	84DUA92BDF		84DUA92WDF		84DUA92EDF		84DUA920DF	
1/2	1/2	1 1/2	2	1	—	0.75–3.4	A	30	84DUB92BDF		84DUB92WDF		84DUB92EDF		84DUB920DF	
2	2	5	5	1	—	3–12	A1	30	84DUC92BDF		84DUC92WDF		84DUC92EDF		84DUC920DF	
3	3	10	10	1	—	5.5–22	A1	30	84DUD92BDF		84DUD92WDF		84DUD92EDF		84DUD920DF	
7 1/2	7 1/2	—	—	1	—	10–40	A1	30	84DUE92BDF		84DUE92WDF		84DUE92EDF		84DUE920DF	
10	10	15	15	—	1 1/2	10–40	A1	60	84EUE92BDF		84EUE92WDF		84EUE92EDF		84EUE920DF	
10	15	25	25	2	—	13–52	B	60	84FUF92BDF		84FUF92WDF		84FUF92EDF		84FUF920DF	
15	20	30	30	—	2 1/2	25–100	B	100	84GUG92BDF		84GUG92WDF		84GUG92EDF		84GUG920DF	
20	25	50	50	3	—	25–100	B	100	84HUG92BDF		84HUG92WDF		84HUG92EDF		84HUG920DF	
30	40	75	75	—	3 1/2	50–200	B	200	84IUH92BDF		84IUH92WDF		84IUH92EDF		84IUH920DF	
40	50	100	100	4	—	50–200	B	200	84JUH92BDF		84JUH92WDF		84JUH92EDF		84JUH920DF	

Two Disconnect Switches with Ambient Compensated Bimetal Overload

Max Hp				NEMA Size	Half Size	Disc. Amp Range	Enclosure								
200 Volts	230 Volts	460 Volts	575 Volts				NEMA 1 General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel	NEMA 4 Painted Watertight Dust-tight	NEMA 12/3R [Ⓢ] Industrial Use Weatherproof					
200 Volts	230 Volts	460 Volts	575 Volts					Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
3	3	5	5	0	—	30		84CP92BDF81		84CP92WDF81		84CP92EDF81		84CP920DF81	
7 1/2	7 1/2	10	10	1	—	30		84DP92BDF81		84DP92WDF81		84DP92EDF81		84DP920DF81	
10	10	15	15	—	1 1/4	60		84EP92BDF81		84EP92WDF81		84EP92EDF81		84EP920DF81	
10	15	25	25	2	—	60		84FP92BDF81		84FP92WDF81		84FP92EDF81		84FP920DF81	
15	20	30	30	—	2 1/2	100		84GP92BDF81		84GP92WDF81		84GP92EDF81		84GP920DF81	
20	25	50	50	3	—	100		84HP92BDF81		84HP92WDF81		84HP92EDF81		84HP920DF81	
30	40	75	75	—	3 1/2	200		84IP92BDF81		84IP92WDF81		84IP92EDF81		84IP920DF81	
40	50	100	100	4	—	200		84JP92BDF81		84JP92WDF81		84JP92EDF81		84JP920DF81	

Note: Hp's shown above are based on the overload amp range for the FLA's (per the National Electric Code) of typical industrial motors. All starter sizes carry one maximum Hp rating.

Ⓢ NEMA 12 is field convertible to NEMA 3/3R. For conduit hubs and conversion instructions, see page 8/88.

Ⓢ Not available on standard alternator style ('92' in the catalog number).

Ⓢ Enclosed starters with the ESP200 OLR will not be available until approximately December 2009. Continue to order enclosed starters with the ESP100 OLR until then.

Duplex Heavy Duty Controllers

Combination Circuit Breaker, Class 84

Selection



Ordering Information

- ▶ Standard coil voltage supplied will be 120V, separate control. For non-alternator styles (see factory modifications) change the 10th character using the coil table.
- ▶ Heater elements for bimetal overloads see page 8/150 (6-Required).
- ▶ Field Modification Kits see page 8/82.
- ▶ Factory Modifications see page 8/95.
- ▶ Dimensions see page 8/127.
- ▶ Wiring Diagrams see page 8/143.
- ▶ Replacement Parts see page 8/157.

Coil Table

60Hz Voltage	Letter
24 Separate Control [®]	J
120 Separate Control	F
200-208 [®]	D
220-240 [®]	G
277 [®]	L
440-480 [®]	H
550-600 [®]	E

2 Motor Circuit Protectors (with Solid-State Overload)

Max Hp						Overload			Enclosure [®]							
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Amp Range	Frame Size	Motor Circuit Interrupter ETI	NEMA 1 General Purpose		NEMA 4/4X Stainless Watertight, Dust-tight, Corrosion Resistant 304 Stainless Steel 316 Stainless Steel (Optional)		NEMA 4 Painted Watertight, Dust-tight		NEMA 12 NEMA 3/3R [®] Industrial Use Weatherproof (Field Convertible to 3/3R)	
									Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1/2	1/2	1/2	1/2	0	—	0.25-1	A	3	84CUA92BMF		84CUA92WMF		84CUA92EMF		84CUA920MF	
1/2	3/4	1 1/2	2	0	—	0.75-3.4	A	3	84CUB92BMF		84CUB92WMF		84CUB92EMF		84CUB920MF	
2	2	5	5	0	—	3-12	A1	10	84CUC92BMF		84CUC92WMF		84CUC92EMF		84CUC920MF	
3	3	—	—	0	—	5.5-22	A1	25	84CUD92BMF		84CUD92WMF		84CUD92EMF		84CUD920MF	
1/2	3/4	1 1/2	2	1	—	0.25-1	A	3	84DUA92BMF		84DUA92WMF		84DUA92EMF		84DUA920MF	
1/2	3/4	1 1/2	2	1	—	0.75-3.4	A	3	84DUB92BMF		84DUB92WMF		84DUB92EMF		84DUB920MF	
2	2	5	5	1	—	3-12	A1	10	84DUC92BMF		84DUC92WMF		84DUC92EMF		84DUC920MF	
3	3	10	10	1	—	5.5-22	A1	25	84DUD92BMF		84DUD92WMF		84DUD92EMF		84DUD920MF	
7 1/2	7 1/2	—	—	1	—	10-40	A1	30	84DUE92BMF		84DUE92WMF		84DUE92EMF		84DUE920MF	
—	—	15	15	—	1 1/2	10-40	A1	40	84EUE92BMF		84EUE92WMF		84EUE92EMF		84EUE920MF	
10	15	25	25	2	—	13-52	B	50	84FUF92BMF		84FUF92WMF		84FUF92EMF		84FUF920MF	
15	20	30	30	—	2 1/2	25-100	B	100	84GUG92BMF		84GUG92WMF		84GUG92EMF		84GUG920MF	
20	25	50	50	3	—	25-100	B	100	84HUG92BMF		84HUG92WMF		84HUG92EMF		84HUG920MF	
30	40	75	75	—	3 1/2	50-200	B	125	84IUH92BMF		84IUH92WMF		84IUH92EMF		84IUH920MF	
40	50	100	100	4	—	50-200	B	150	84JUH92BMF		84JUH92WMF		84JUH92EMF		84JUH920MF	

2 Motor Circuit Protectors (with Ambient Compensated Bimetal Overload)

Max Hp						Enclosure			Enclosure							
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Motor Circuit Interrupter ETI	NEMA 1 General Purpose		NEMA 4/4X Stainless Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 4 Painted Watertight Dust-tight		NEMA 12/3R [®] Industrial Use Weatherproof			
							Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$		
1/2	3/4	1 1/2	2	0	—	3	84CPB92BMF81		84CPB92WMF81		84CPB92EMF81		84CPB920MF81			
2	2	5	5	0	—	10	84CPD92BMF81		84CPD92WMF81		84CPD92EMF81		84CPD920MF81			
3	3	—	—	0	—	25	84CPE92BMF81		84CPE92WMF81		84CPE92EMF81		84CPE920MF81			
1/2	3/4	1 1/2	2	1	—	3	84DPB92BMF81		84DPB92WMF81		84DPB92EMF81		84DPB920MF81			
2	2	5	5	1	—	10	84DPD92BMF81		84DPD92WMF81		84DPD92EMF81		84DPD920MF81			
3	3	10	10	1	—	25	84DPE92BMF81		84DPE92WMF81		84DPE92EMF81		84DPE920MF81			
7 1/2	7 1/2	—	—	1	—	30	84DPF92BMF81		84DPF92WMF81		84DPF92EMF81		84DPF920MF81			
—	—	15	15	—	1 1/2	40	84EPF92BMF81		84EPF92WMF81		84EPF92EMF81		84EPF920MF81			
10	10	—	—	—	1 1/2	50	84EPG92BMF81		84EPG92WMF81		84EPG92EMF81		84EPG920MF81			
—	—	15	20	2	—	40	84FPF92BMF81		84FPF92WMF81		84FPF92EMF81		84FPF920MF81			
10	15	25	25	2	—	50	84FPH92BMF81		84FPH92WMF81		84FPH92EMF81		84FPH920MF81			
—	—	30	30	—	2 1/2	50	84GPH92BMF81		84GPH92WMF81		84GPH92EMF81		84GPH920MF81			
15	20	—	—	—	2 1/2	100	84GPJ92BMF81		84GPJ92WMF81		84GPJ92EMF81		84GPJ920MF81			
—	—	30	40	3	—	50	84HPJ92BMF81		84HPJ92WMF81		84HPJ92EMF81		84HPJ920MF81			
20	25	50	50	3	—	100	84HPK92BMF81		84HPK92WMF81		84HPK92EMF81		84HPK920MF81			
30	40	75	75	—	3 1/2	125	84IPL92BMF81		84IPL92WMF81		84IPL92EMF81		84IPL920MF81			
40	50	100	100	4	—	150	84JPM92BMF81		84JPM92WMF81		84JPM92EMF81		84JPM920MF81			

Note: Hp's shown above are based on the overload amp range for the FLA's (per the National Electric Code) of typical industrial motors. All starter sizes carry one maximum Hp rating.

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