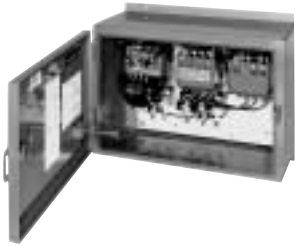


# Reduced Voltage Heavy Duty Starters

Selection

Closed Transition Wye Delta with Solid State Overload,® Class 36, 37



### Ordering Information

- ▶ Replace the (\*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- ▶ For self-reset option on 1–5 starters, change 4th character from "S" to "R". No price adder.
- ▶ For Ambient Compensated Bimetal overload relay, replace the fourth and fifth characters of the catalog number with a single "P", add suffix "81" to the end of catalog number and deduct \$35 list (example 36DSF06B\* becomes 36DP06B\*81). Heater Elements see page 884.
- ▶ Field Modification Kits see pages 121–125. Factory Modifications see pages 126–132.
- ▶ Dimensions see page 151.
- ▶ Wiring Diagrams see pages 163–165.
- ▶ Replacement parts see page 882.

### Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
200–208	D
220–240	G
277	L
440–480 <sup>®</sup>	H
550–600 <sup>®</sup>	E

For other voltages and frequencies, see Factory Modifications page 129.

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### NEMA 1 General Purpose Enclosure<sup>®</sup>

Motor Volts	Max HP	NEMA Size	Half Size	Overload Amp Range	Starter Only		Non-Fusible Disconnect		Fuse Clip Size	Fusible Disconnect		Circuit Breaker ETI Ampere	Circuit Breaker	
					Catalog No	Price \$	Catalog No	Price \$		Catalog No	Price \$		Catalog No	Price \$
200	10	1	—	13–27	36DSFC6B*	4075.	37DSFC6B*D	5000.	60A/250V	37DSFC6B*F	5062.	50	37DSFC6B*P	5401.
	15	—	1 3/4	20–40	36ESGC6B*	4345.	37ESGC6B*D	5270.	100A/250V	37ESGC6B*F	5331.	50	37ESGC6B*P	5709.
	20	2	—	22–45	36FSHC6B*	4607.	37FSHC6B*D	5778.	100A/250V	37FSHC6B*F	5878.	50	37FSHC6B*P	6048.
	30	—	2 1/2	30–60	36GSJC6B*	5555.	37GSJC6B*D	7172.	200A/250V	37GSJC6B*F	7511.	150	37GSJC6B*P	8189.
	40	3	—	45–90	36HSC6B*	6348.	37HSC6B*D	7966.	200A/250V	37HSC6B*F	8305.	150	37HSC6B*P	8983.
	50	—	3 1/2	57–115	36ISLC6B*	11179.	37ISLC6B*D	14075.	400A/250V	37ISLC6B*F	14353.	250	37ISLC6B*P	16302.
	60	4	—	67–135	36JSMC6B*	12473.	37JSMC6B*D	15369.	400A/250V	37JSMC6B*F	15647.	250	37JSMC6B*P	17596.
	75	—	4 1/2	108–210	36KTSC6B*	20003.	37KTSC6B*D	26652.	600A/250V	37KTSC6B*F	27469.	400	37KTSC6B*P	27962.
	150	5	—	135–270	36LTUC6B*	20970.	37LTUC6B*D	27619.	600A/250V	37LTUC6B*F	28435.	600	37LTUC6B*P	28513.
	200	—	5 1/2	100–320	36RTPC6B*	37118.	37RTPC6B*D	43766.	600A/250V	37RTPC6B*F	43938.	600	37RTPC6B*P	44660.
300	6	—	270–540	36MTXC6B*	46024.	37MTXC6B*D	53057.	1200A/250V	37MTXC6B*F	54036.	1200	37MTXC6B*P	56478.	
230	10	1	—	13–27	36DSFC2B*	4075.	37DSFC2B*D	5000.	60A/250V	37DSFC2B*F	5062.	50	37DSFC2B*P	5401.
	15	—	1 3/4	20–40	36ESGC2B*	4345.	37ESGC2B*D	5270.	100A/250V	37ESGC2B*F	5331.	50	37ESGC2B*P	5709.
	25	2	—	22–45	36FSHC2B*	4607.	37FSHC2B*D	5778.	100A/250V	37FSHC2B*F	5878.	100	37FSHC2B*P	6048.
	30	—	2 1/2	30–60	36GSJC2B*	5555.	37GSJC2B*D	7172.	200A/250V	37GSJC2B*F	7511.	150	37GSJC2B*P	8189.
	50	3	—	45–90	36HSC2B*	6348.	37HSC2B*D	7966.	200A/250V	37HSC2B*F	8305.	150	37HSC2B*P	8983.
	60	—	3 1/2	57–115	36ISLC2B*	11179.	37ISLC2B*D	14075.	400A/250V	37ISLC2B*F	14353.	250	37ISLC2B*P	16302.
	75	4	—	67–135	36JSMC2B*	12473.	37JSMC2B*D	15369.	400A/250V	37JSMC2B*F	15647.	250	37JSMC2B*P	17596.
	100	—	4 1/2	108–210	36KTSC2B*	20003.	37KTSC2B*D	26652.	600A/250V	37KTSC2B*F	27469.	400	37KTSC2B*P	27962.
	150	5	—	135–270	36LTUC2B*	20970.	37LTUC2B*D	27619.	600A/250V	37LTUC2B*F	28435.	600	37LTUC2B*P	28513.
	200	—	5 1/2	100–320	36RTPC2B*	37118.	37RTPC2B*D	43766.	600A/250V	37RTPC2B*F	43938.	600	37RTPC2B*P	44660.
350	6	—	270–540	36MTXC2B*	46024.	37MTXC2B*D	53057.	1200A/250V	37MTXC2B*F	54036.	1200	37MTXC2B*P	56478.	
500	7	—	420–820	36NTYC2B*	63974.	37NTYC2B*D	72510.	2000A/250V	37NTYC2B*F	76499.	1600	37NTYC2B*P	81693.	
800	8	—	420–1220	36PTZC2B*	87587.	—	—	—	—	—	—	—	—	
460	15	1	—	9–18	36DSEC4B*	4075.	37DSEC4B*D	5000.	30A/600V	37DSEC4B*F	5062.	40	37DSEC4B*P	5401.
	30	—	1 3/4	13–27	36ESFC4B*	4345.	37ESFC4B*D	5270.	100A/600V	37ESFC4B*F	5331.	100	37ESFC4B*P	5709.
	40	2	—	22–45	36FSHC4B*	4776.	37FSHC4B*D	5947.	100A/600V	37FSHC4B*F	6040.	100	37FSHC4B*P	6217.
	60	—	2 1/2	30–60	36GSJC4B*	5724.	37GSJC4B*D	7342.	200A/600V	37GSJC4B*F	7681.	150	37GSJC4B*P	8359.
	75	3	—	45–90	36HSC4B*	7558.	37HSC4B*D	8790.	200A/600V	37HSC4B*F	9129.	150	37HSC4B*P	9807.
	100	—	3 1/2	57–115	36ISLC4B*	12041.	37ISLC4B*D	14938.	400A/600V	37ISLC4B*F	15215.	250	37ISLC4B*P	17165.
	150	4	—	67–135	36JSMC4B*	13151.	37JSMC4B*D	16047.	400A/600V	37JSMC4B*F	16325.	400	37JSMC4B*P	18274.
	200	—	4 1/2	108–210	36KTSC4B*	20697.	37KTSC4B*D	26661.	600A/600V	37KTSC4B*F	28162.	600	37KTSC4B*P	28655.
	300	5	—	135–270	36LTUC4B*	22642.	37LTUC4B*D	29291.	600A/600V	37LTUC4B*F	30107.	600	37LTUC4B*P	30184.
	400	—	5 1/2	100–320	36RTPC4B*	37118.	37RTPC4B*D	43766.	600A/600V	37RTPC4B*F	43938.	600	37RTPC4B*P	44660.
700	6	—	270–540	36MTXC4B*	46024.	37MTXC4B*D	53057.	1600A/600V	37MTXC4B*F	54036.	1600	37MTXC4B*P	56478.	
1000	7	—	420–820	36NTYC4B*	63974.	37NTYC4B*D	80306.	1600A/600V	37NTYC4B*F	76499.	1600	37NTYC4B*P	81693.	
1500	8	—	420–1220	36PTZC4B*	87587.	—	—	—	—	—	—	—	—	
575	15	1	—	9–18	36DSEC5B*	4075.	37DSEC5B*D	5000.	30A/600V	37DSEC5B*F	5062.	30	37DSEC5B*P	5401.
	30	—	1 3/4	13–27	36ESFC5B*	4345.	37ESFC5B*D	5270.	100A/600V	37ESFC5B*F	5331.	50	37ESFC5B*P	5709.
	40	2	—	22–45	36FSFC5B*	4776.	37FSFC5B*D	5947.	100A/600V	37FSFC5B*F	6040.	50	37FSFC5B*P	6217.
	60	—	2 1/2	30–60	36GSHC5B*	5724.	37GSHC5B*D	7342.	200A/600V	37GSHC5B*F	7681.	100	37GSHC5B*P	8359.
	75	3	—	45–90	36HSC5B*	7558.	37HSC5B*D	8790.	200A/600V	37HSC5B*F	9129.	100	37HSC5B*P	9807.
	100	—	3 1/2	57–115	36ISKC5B*	12041.	37ISKC5B*D	14938.	400A/600V	37ISKC5B*F	15215.	250	37ISKC5B*P	17165.
	150	4	—	67–135	36JSMC5B*	13158.	37JSMC5B*D	16047.	400A/600V	37JSMC5B*F	16325.	250	37JSMC5B*P	18274.
	200	—	4 1/2	108–210	36KTSC5B*	20697.	37KTSC5B*D	26661.	600A/600V	37KTSC5B*F	28162.	400	37KTSC5B*P	28655.
	300	5	—	135–270	36LTUC5B*	22642.	37LTUC5B*D	29291.	600A/600V	37LTUC5B*F	30107.	600	37LTUC5B*P	30184.
	400	—	5 1/2	100–320	36RTPC5B*	37118.	37RTPC5B*D	43766.	600A/600V	37RTPC5B*F	43938.	600	37RTPC5B*P	44660.
700	6	—	270–540	36MTXC5B*	46024.	37MTXC5B*D	53057.	1600A/600V	37MTXC5B*F	54036.	1600	37MTXC5B*P	56478.	
1000	7	—	420–820	36NTYC5B*	63974.	37NTYC5B*D	80306.	1600A/600V	37NTYC5B*F	76499.	1600	37NTYC5B*P	81693.	
1500	8	—	420–1220	36PTZC5B*	87587.	—	—	—	—	—	—	—	—	

®For phase loss protection order factory modification "Phase Failure Relay," suffix R1 or R2. See page 132.

®Not available with self-reset option.  
 ®Enclosure Modifications see page 130.  
 ®All wye-delta starters size 4 1/2 and larger include a

control transformer as standard for 120V control. Size 6 and larger power contactor coil circuits are at line voltage and pilot circuits are at 120 volts.