

### Definite Purpose Soft Start Control



**8 thru 135 Amps**  
**8 thru 30 Amps**  
**8 thru 30 Amps**

**208/230/460V 60 Hz.**  
**220/380/415V 50 Hz.**  
**575V 60 Hz.**

**Applications:** Use with magnetic starter. Excellent for retrofit on cranes, conveyors or fans. Can be used on single speed, multispeed and reversing, soft starting windmilling fans and soft plug reversing.

**Features:** Two adjustable starting torque settings for reversing or two speed applications. Adjustable ramp time from 2-30 seconds.

Amp Size	Max Hp at VAC			Catalog Number	List Price	Mult. Sym.
	208 Volt	230 Volt	460 Volt			
<b>Open/Panel – (Available in NEMA 1 and NEMA 12/3R enclosures)</b>						
	<b>208 Volt</b>	<b>230 Volt</b>	<b>460 Volt</b>			
8	1.5	2	5	D70CA	943	E7
16	3	5	10	D71CA	1,011	E7
30	7.5	10	20	D72CA	1,138	E7
55	15	20	40	D73CP	2,334	E7
70	20	25	50	D74CP	3,044	E7
135	40	50	100	D75CP	5,422	E7
	<b>220 Volt</b>	<b>380 Volt</b>	<b>415 Volt</b>			
8	2	3.5	4.0	D90CA	943	E7
16	4	6.5	7.5	D91CA	1,011	E7
30	8	13.5	15	D92CA	1,138	E7
	<b>575 Volt (can be used at 208/230/460 Volts)</b>					
8		5		D80CA	1,004	E7
16		15		D81CA	1,063	E7
30		25		D82CA	1,184	E7

### Three Phase Torque Control



**7 thru 40 Amps**  
**7 thru 24 Amps**

**208/230/460V 50/60 Hz.**  
**208/230/460/575V 50/60 Hz.**

**Applications:** Use with magnetic starter. A low cost way to reduce starting torque on three phase motors. An alternative to ballast resistors on cranes and conveyors. Suitable for reduced torque on start. Designed to be used with a magnetic contactor. Not suitable for starting high torque loads.

**Features:** Two adjustable starting torque settings for reversing or two speed applications. Adjustable starting ramp time to 7 seconds.

Amp Size	Max Hp at VAC				Catalog Number	List Price	Mult. Sym.
	208	230	460	575			
<b>Open/Panel – 208/230/460 Volts</b>							
7	1.5	2	3	—	T70EA	564	E7
12	3	3	7.5	—	T71EA	586	E7
24	5	7.5	15	—	T72EA	625	E7
40	10	10	30	—	T73EA	667	E7
<b>Open/Panel – 575 Volts (can be used at 208/230/460 Volts)</b>							
7	1.5	2	3	5	T80EA	606	E7
12	3	3	7.5	10	T81EA	625	E7
24	-	7.5	15	20	T82EA	667	E7