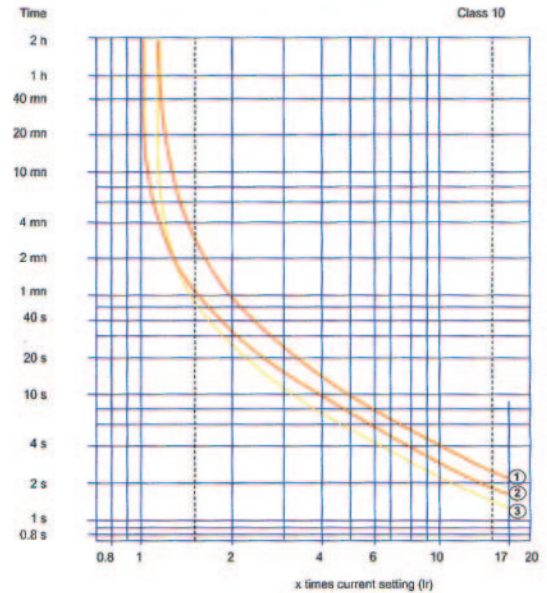




Type STEC Single Phase Starter

UL HP Ratings 1 Phase Motors		OPEN	NEMA 1 General Purpose (metal)	NEMA 4X Outdoor Dust Tight (non-metal)	NEMA 4 /12 (metal)	NEMA 3R Rain Tight (metal)
115V HP	230V HP					
1	2	STEC12 - *0 - ⊕ \$72.00	STEC12 - *1 - ⊕ \$176.00	STEC12 - *4X - ⊕ \$216.00	STEC12 - *4 - ⊕ \$248.00	STEC12 - *3R - ⊕ \$246.00
1	3	STEC18 - *0 - ⊕ \$84.00	STEC18 - *1 - ⊕ \$210.00	STEC18 - *4X - ⊕ \$248.00	STEC18 - *4 - ⊕ \$274.00	STEC18 - *3R - ⊕ \$268.00
2	3	STEC25 - *0 - ⊕ \$108.00	STEC25 - *1 - ⊕ \$240.00	STEC25 - *4X - ⊕ \$288.00	STEC25 - *4 - ⊕ \$298.00	STEC25 - *3R - ⊕ \$292.00
2	5	STEC32 - *0 - ⊕ \$118.00	STEC32 - *1 - ⊕ \$256.00	STEC32 - *4X - ⊕ \$320.00	STEC32 - *4 - ⊕ \$320.00	STEC32 - *3R - ⊕ \$312.00
3	5	STEC40 - *0 - ⊕ \$145.00	STEC40 - *1 - ⊕ \$330.00	STEC40 - *4X - ⊕ \$390.00	STEC40 - *4 - ⊕ \$370.00	STEC40 - *3R - ⊕ \$350.00
3	7 1/2	STEC50 - *0 - ⊕ \$168.00	STEC50 - *1 - ⊕ \$434.00	STEC50 - *4X - ⊕ \$440.00	STEC50 - *4 - ⊕ \$460.00	STEC50 - *3R - ⊕ \$450.00
5	10	STEC65 - *0 - ⊕ \$240.00	STEC65 - *1 - ⊕ \$488.00	STEC65 - *4X - ⊕ \$494.00	STEC65 - *4 - ⊕ \$690.00	STEC65 - *3R - ⊕ \$610.00
7 1/2	15	STEC80 - *0 - ⊕ \$300.00	STEC80 - *1 - ⊕ \$530.00	STEC80 - *4X - ⊕ \$540.00	STEC80 - *4 - ⊕ \$740.00	STEC80 - *3R - ⊕ \$680.00

EEC Overload Trip Curve



- ① Balanced operation, 3-phase, from cold state.
- ② Balanced operation, 2-phase, from cold state.
- ③ Balanced operation, 3-phase, after a long period at the set current (hot state).

***Coil Voltage Suffix for TEC12-80**

* - Add Suffix	AC Voltage	* - DC Voltage
-A =	120V 50/60Hz	See \$ adder
-C =	208V up to 230V 60Hz	-DCM = 12VDC
-E =	480V 60Hz, 400V 50Hz	-DCN = 24VDC
-F =	600V 60Hz	-DCO = 48VDC
-D =	380V 50Hz	-DCP = 125VDC
-G =	24V 50/60Hz	-DCR = 220VDC
-H =	277V(280) 60Hz	
-B =	220V 50/60Hz	

Contact Factory for additional coil voltages not listed.
208V "c" Coil -5% Voltage Tolerance.

**DC Coil Price Adder
Size + List Price**

EEC 12-32 + \$30
EEC 40-80 + \$60
EEC 115 + No Adder

Part # Example:
STEC 12 - A1-6A
EEC12 Contactor
A=120VAC Coil
1=NEMA 1 Enclosure
6A=4-6 Amp Overload
Range

⊕ Add to Part #	Overload Amp Range	⊕ Add to Part #	Overload Amp Range
0.16A	0.1-0.16A	13A	9-13A
0.25A	0.16-0.25A	18A	12-18A
0.4A	0.25-0.4A	25A	17-25A
0.63	0.4-0.63	32A	23-32A
1A	0.63-1A	36A	28-36A
1.6A	1-1.6A	40A	30-40A
2.5A	1.6-2.5A	50A	37-50A
4A	2.5-4A	65A	48-65A
6A	4-6A	70A	55-70A
8A	5.5-8A	80A	63-80A
10A	7-10A	93A	80-93A

EEC Contactor + TEC Starter Coil Tech Data

Contactor AC Coil VA Characteristics		Contactor EEC 12, 18	Type EEC 25, 32	EEC 40 up to 95	EEC 115	EEC 150	EEC 185 EEC 225	EEC 265	EEC 330	EEC 400	EEC 500	EEC 630	EEC 780
Hold In	60 Hz	8 VA	8.5 VA	26 VA	55VA	55VA	55VA	10 VA	10 VA	15 VA	18 VA	22 VA	50VA
Pick Up	60 Hz	70 VA	100 VA	245 VA	660VA	660 VA	970 VA	700 VA	700VA	1075 VA	1100VA	1650 VA	2100 VA
Recommended Control Transformer		50 VA	50 VA	100VA	150VA	150 VA	250 VA	150 VA	250 VA	250 VA	300 VA	350 VA	
Contactor DC Coil Watt Characteristics	Hold In	9 VA	11 VA	22VA	4.5 VA	4.5 VA	5 VA	5 VA	5 VA	6 VA	6 VA	9 VA	2 X 21 VA
	Pick Up	9 VA	11 VA	22 VA	560 VA	560 VA	560 VA	800VA	750 VA	750 VA	1000 VA	1100 VA	2 X 1000 VA