



# AEG + EEC Cross Ref.

The AEG LS and SP Series Contactors were discontinued in 2006. The AEG replacement for the "LS" and "SP" contactors are the "LSK" series. EE Controls also offers "competitively priced" options. The selected replacement for "SP" is the "ECX Line" the cost effective replacement for the LS is the "EEC Line"

	*AEG LS4.10 Max HP	EE Controls ECX18 Max HP	EEC12 Max HP	AEG LS5K.10 Max HP
VOLTS				
200V	3	7.5	3	3
230V	3	7.5@240v	3	3
460V	7.5	10	7.5	7.5
600V	7.5	10	10	10
AC-1	20	32	25	25
AC-3	9.5	18	12	12
Dimensions				
Height	3.07"	3.00"	2.91"	3.18"
Width	1.77"	1.85"	1.77"	1.77"
Depth	2.90"	3.43"	3.15"	3.35"
LIST PRICE	\$90	\$28	\$30	\$ 87

	*AEG LS7.10 Max HP	*AEG SP4 / SP7 Max HP	EE Controls ECX18 Max HP	EEC18 Max HP	AEG LS7K.10 Max HP
VOLTS					
200V	5	5	7.5	5	5
230V	5	5	7.5@240v	5	5
460V	10	10	10	10	10
600V	10	10	10	15	15
AC-1	25	25	32	32	32
AC-3	12	12	18	18	18
Dimensions					
Height	3.07"	3.07"	3.00"	2.91"	3.18"
Width	1.77"	1.77"	1.85"	1.81"	1.77"
Depth	2.90"	2.90"	3.43"	3.35"	3.35"
LIST PRICE	\$115	\$39 / \$44	\$28	\$40	\$90

	*AEG LS17.10 Max HP	*AEG SP17 Max HP	EE Controls ECX32 Max HP	EEC25 Max HP	AEG LS11K.10 Max HP
VOLTS					
200V	5	7.5	10	5	5
230V	7.5	7.5	15@240v	7.5	7.5
460V	10	15	20	15	15
600V	15	20	20	20	15
AC-1	32	30	50	45	45
AC-3	16	30	32	25	25
Dimensions					
Height	3.07"	3.07"	3.40"	3.30"	3.18"
Width	1.77"	1.77"	2.24"	2.20"	1.77"
Depth	2.90"	2.90"	3.94"	3.66"	3.35"
LIST PRICE	\$130	\$44	\$42	\$50	\$105

	*AEG LS27.22 Max HP	*AEG SP23 Max HP	EE Controls ECX32 Max HP	EEC32 Max HP	AEG LS15K.10 Max HP
VOLTS					
200V	7.5	7.5	10	7.5	10
230V	10	10	15@240v	10	10
460V	15	15	20	20	20
600V	20	20	20	25	25
AC-1	40	40	50	50	60
AC-3	23	30	32	32	32
Dimensions					
Height	3.35"	3.35"	3.40"	3.30"	3.42"
Width	1.77"	1.77"	2.24"	2.20"	2.16"
Depth	4.29"	4.29"	3.94"	3.86"	3.96"
LIST PRICE	\$145	\$49	\$42	\$60	\$145

	*AEG LS37.22 Max HP	EE Controls ECX65 Max HP	EEC40 Max HP	AEG LS18K.11 Max HP
VOLTS				
200V	10	20	10	10
230V	10	25@240v	10	10
460V	25	40	30	25
600V	25	40	30	25
AC-1	50	80	60	60
AC-3	32	65	40	40
Dimensions				
Height	3.40"	5.08"	5.00"	3.42"
Width	2.00"	3.00"	2.95"	2.16"
Depth	4.73"	4.60"	4.49"	3.96"
LIST PRICE	\$173	\$80	\$80	\$155

	*AEG LS47.22 Max HP	*AEG SP37 / SP47 Max HP	EE Controls ECX95 Max HP	EEC65 Max HP	AEG LS30K.11 Max HP
VOLTS					
200V	15	15	30	20	20
230V	20	20	30@240v	20	20
460V	40	40	50	50	50
600V	50	50	50	50	50
AC-1	90	50 / 90	110	80	110
AC-3	46	40 / 72	95	65	65
Dimensions					
Height	4.80"	3.40" / 4.80"	5.08"	5.00"	4.63"
Width	3.50"	2.00" / 3.50"	3.43"	2.95"	2.60"
Depth	5.00"	4.73" / 5.00"	5.00"	4.49"	4.57"
LIST PRICE	\$240	\$99 / \$176	\$126	\$120	\$240

	*AEG LS57.22 Max HP	*AEG SP57 Max HP	EE Controls ECX95 Max HP	EEC80 Max HP	AEG LS37K.11 Max HP
VOLTS					
200V	20	20	30	20	20
230V	25	25	30@240v	25	25
460V	50	50	50	60	50
600V	60	60	50	60	60
AC-1	100	100	110	125	110
AC-3	63	72	95	80	80
Dimensions					
Height	4.80"	4.80"	5.08"	5.00"	4.63"
Width	3.50"	3.50"	3.43"	3.35"	2.60"
Depth	5.00"	5.00"	5.00"	4.92"	4.57"
LIST PRICE	\$290	\$247	\$126	\$160	\$290

	*AEG LS77.22 Max HP	*AEG SP77 Max HP	EEC EEC115 Max HP	AEG LS45K.11 Max HP
VOLTS				
200V	25	25	30	25
230V	30	30	40	30
460V	60	60	75	60
600V	75	75	100	75
AC-1	110	110	200	140
AC-3	75	90	115	95
Dimensions				
Height	4.80"	4.80"	6.38"	4.63"
Width	3.50"	3.50"	6.46"	2.95"
Depth	5.00"	5.00"	6.69"	4.96"
LIST PRICE	\$380	\$312	\$240	\$380

	*AEG LS87.22 Max HP	*AEG SP87 Max HP	EEC EEC115 Max HP	AEG LS55K.11 Max HP
VOLTS				
200V	30	30	30	30
230V	40	40	40	40
460V	75	75	75	75
600V	100	100	100	75
AC-1	110	110	200	140
AC-3	87	-	115	105
Dimensions				
Height	4.80"	4.80"	6.38"	4.63"
Width	3.50"	3.50"	6.46"	2.95"
Depth	5.00"	5.00"	6.69"	4.96"
LIST PRICE	\$470	\$364	\$240	\$470

	*AEG LS107.22 Max HP	*AEG SP107 Max HP	EEC EEC150 Max HP	AEG LS75K.11 Max HP
VOLTS				
200V	40	40	40	50
230V	50	50	50	50
460V	100	100	100	125
600V	100	100	125	125
AC-1	180	150	250	250
AC-3	110	-	150	150
Dimensions				
Height	5.91"	5.91"	6.69"	7.01"
Width	4.72"	4.72"	6.46"	5.31"
Depth	6.06"	6.06"	6.69"	6.52"
LIST PRICE	\$850	\$585	\$290	\$800

	*AEG LS177.22 Max HP	*AEG SP177 Max HP	EEC EEC265 Max HP	AEG LS110K.11 Max HP
VOLTS				
200V	60	60	60	60
230V	75	75	75	75
460V	150	150	150	150
600V	200	200	200	150
AC-1	225	200	350	315
AC-3	180	-	265	205
Dimensions				
Height	7.09"	7.09"	7.99"	8.35"
Width	5.31"	5.31"	8.15"	5.91"
Depth	6.77"	6.77"	8.35"	8.19"
LIST PRICE	\$1164	\$879	\$610	\$1164

	*AEG LS247.22 Max HP	*AEG SP247 Max HP	EEC EEC330 Max HP	AEG LS160K.11 Max HP
VOLTS				
200V	75	75	75	100
230V	100	100	100	100
460V	200	200	200	250
600V	250	250	250	300
AC-1	350	320	400	450
AC-3	250	-	330	309
Dimensions				
Height	7.90"	7.90"	8.11"	8.35"
Width	5.70"	5.70"	8.39"	5.91"
Depth	7.70"	7.70"	8.54"	8.19"
LIST PRICE	\$1564	\$1160	\$786	\$1229













# Three Quality Contactor & Motor Starter Series :

SERIES	MAX AMPS	MAX HP	ELECTRICAL LIFE CYCLE	MECHANICAL LIFE CYCLE
ECX	110 A MAX	50 HP	600,000	6,000,000
EEC	700 A - 1,500 A, 1250 A Max	800 HP	1,000,000	5,000,000 K, 10,000,000
AEG	1,600 A	900 HP	1,000,000	10,000,000



## Features & Benefits

- 
**- 20% +10% Coil Voltage Tolerance**
- 
**- 40°F + 150°F Temperature Range (EEC Type)**
- 
**Compact - 45mm wide - 32 Amp Frame  
75mm wide - 140 Amp (AEG)**
- 
**DIN Rail Mount - Up to 140 Amp LSK Type  
Metal base, ECX65, 95, EEC40→780**
- 
**UL 508A Supplements SB 100 kA.(EEC Type)**
- 
**UL Approved suitable on a circuit capable of delivering not more than 100,000 RMS SYM. Amps 480V Max.(EEC Type)**
- 
**Side or Top Mount Auxiliaries up to 10 Max.**
- 
**Ring Terminals Capable.  
(EEC 12, 18, 25, 32, 115 & larger) (ECX ,18, 32)**
- 
**Positive Guided (AEG LSK Series Contactors and SH05 & SH5 Relays).**
- 
**RoHS: ECX, EEC, AEG up to LS55K Max.**

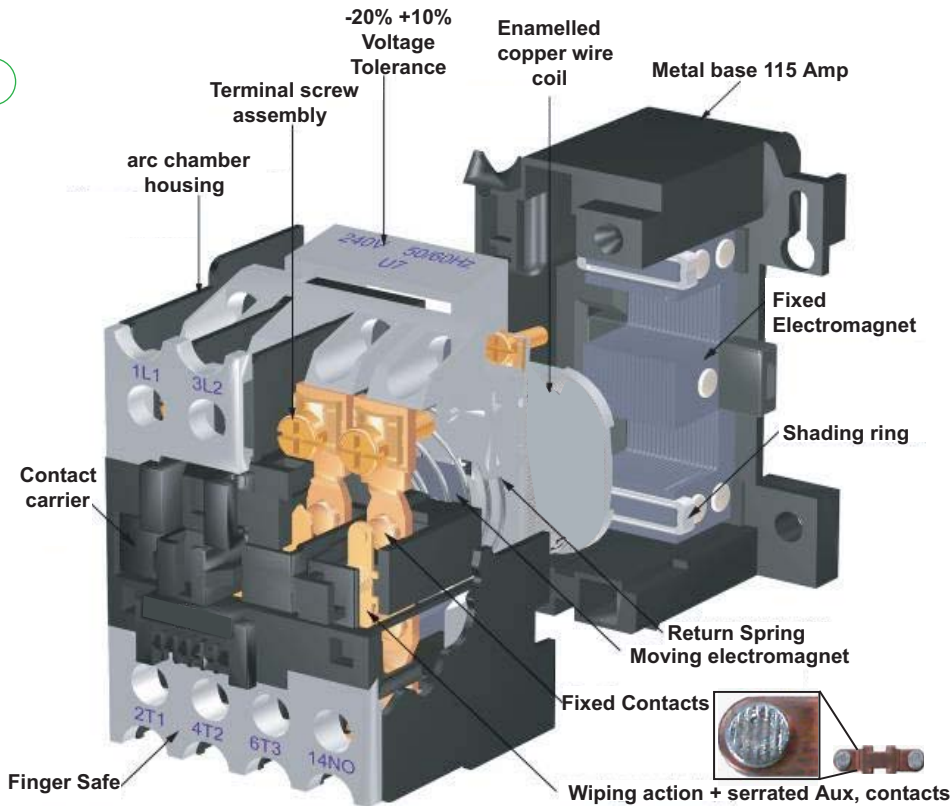


**EEC Series  
Heavy Duty Design  
CONTACTORS  
&  
MOTOR STARTERS**

**3 + 4 Pole  
25A to 1600 Amps**

**Features & Benefits**

- UL 508SB - 100,000 RMS SYM Amps.
- High Temp - 40°F / +158°F
- Wiping Action Aux. Contacts
- -20% coil voltage (25A-100A)
- Energy Saving Design. 115 Amp + Sizes
- Solid Metal Bases from sizes EEC40-EEC780
- Contact wear External window indicator
- PushButton Cartridge Coil Replacement System (no tools, Quick change design) (EEC115-EEC780)
- Low Coil Inrush



**Conformity to Standards**



**IEC 947-4 VDE0660**



# Type TEC 3 Phase Motor Starters



## 3 Phase 30 HP Max

TEC25

UL SF Resistive Inductive		Horse Power Ratings UL 3 Phase Motor		OPEN	NEMA 1 General Purpose (metal)	NEMA4X Hose Dust Tight (non metal)	NEMA 4/12 (metal)	NEMA 3R Hose + Dust Tight Outdoor (metal)	Comparable NEMA HP	
AC-1	AC-3	Volts	HP						200V	NEMA HP
25A	12A	200V	3	TEC 12 - * 0 - ⊕ \$72.00	TEC 12 - * 1 - ⊕ \$176.00	TEC 12 - * 4X - ⊕ \$216.00	TEC 12 - * 4 - ⊕ \$248.00	TEC 12 - * 3R - ⊕ \$246.00	200V	1.5 HP
		230V	3						230V	1.5 HP
		480V	7 1/2						480V	2 HP
		600V	10 HP						600V	2 HP
		NEMA 00								
32A	18A	200V	5	TEC 18 - * 0 - ⊕ \$84.00	TEC 18 - * 1 - ⊕ \$210.00	TEC 18 - * 4X - ⊕ \$248.00	TEC 18 - * 4 - ⊕ \$274.00	TEC 18 - * 3R - ⊕ \$268.00	200V	3 HP
		230V	5						230V	3 HP
		480V	10						480V	5 HP
		600V	15 HP						600V	5 HP
		NEMA 0								
40A	25A	200V	5	TEC 25 - * 0 - ⊕ \$108.00	TEC 25 - * 1 - ⊕ \$240.00	TEC 25 - * 4X - ⊕ \$288.00	TEC 25 - * 4 - ⊕ \$298.00	TEC 25 - * 3R - ⊕ \$292.00	NEMA 0+	
		230V	7 1/2							
		480V	15							
		600V	20 HP							
		NEMA 0+								
50A	32A	200V	10	TEC 32 - * 0 - ⊕ \$118.00	TEC 32 - * 1 - ⊕ \$256.00	TEC 32 - * 4X - ⊕ \$320.00	TEC 32 - * 4 - ⊕ \$320.00	TEC 32 - * 3R - ⊕ \$312.00	200V	7.5 HP
		230V	10						230V	7.5 HP
		480V	20						480V	10 HP
		600V	25 HP						600V	10 HP
		NEMA 1								
60A	40A	200V	10	TEC 40 - * 0 - ⊕ \$145.00	TEC 40 - * 1 - ⊕ \$330.00	TEC 40 - * 4X - ⊕ \$390.00	TEC 40 - * 4 - ⊕ \$370.00	TEC 40 - * 3R - ⊕ \$350.00	NEMA 1+	
		230V	10							
		480V	30							
		600V	30 HP							
		NEMA 1+								

**\*Coil Voltage Suffix for TEC12-400**

* - Add Suffix	AC Voltage	* - DC Voltage
-A =	120V 50/60Hz	<b>Add \$30 to List:</b>
-C =	208V up to 230V 60Hz	
-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>DC Adder Below</b>
-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
<b>TEC 12-32 + \$30</b>
<b>TEC 40-80 + \$60</b>
<b>TEC 115 + No Adder</b>

⊕ Add to Part #	Overload Amp Range	⊕ Add to Part #	Overload Amp Range	⊕ Add to Part #	Overload Amp Range
0.16A	0.1-0.16A	13A	9-13A	105A	65 - 105A
0.25A	0.16-0.25A	18A	12-18A	125A	80 - 125A
0.4A	0.25-0.4A	25A	17-25A	160A	100 - 160A
0.63	0.4-0.63	32A	23-32A	200A	125 - 200A
1A	0.63-1A	36A	28-36A	250A	160 - 250A
1.6A	1-1.6A	40A	30-40A	400A	250 - 400A
2.5A	1.6-2.5A	50A	37-50A	500A	315 - 500A
4A	2.5-4A	65A	48-65A	630A	400 - 630A
6A	4-6A	70A	55-70A	800A	500 - 800A
8A	5.5-8A	80A	63-80A		
10A	7-10A	93A	80-93A		

**Part # Example:** TEC 12 - A1-6A EEC12 Contactor (page 14)  
A=120VAC Coil 1=NEMA 1 Enclosure  
6A=4-6 Amp Overload Range