

AEG Component Controls

25 Amp - 1,215 Amp



**3 Pole Contactor
Type LS 11K with
B 18 Type Overload**

LS7K - 04 - *

**4 Pole N.C. Lighting Contactor
30 Amp Ballast (600VAC)
20 Amp Tungsten (277VAC)**



**4 Pole Contactor
Type LS 45K - 4**

AEG LSK Series
"Complete" Line of Open
And Enclosed Motor Controls.

Lighting Contactors
30 Amp Ballast
30 Amp Tungsten (LS11K4L)
90 Amp Ballast
60 Amp Tungsten (LS22K3L)
Enclosed Motor Controls

Permissible Ambient
-20° / + 60°c (-4° F / +140° F)

Modular Accessories

- Front Mount Auxiliaries. Timers
- Side Mount Auxiliaries
- Surge Suppression Modules
- Interface Modules
- Mechanical Interlock Kits
- Plug on Overloads

AEG Selection

Fusible / Non Fusible Combinations

Breaker Type Combinations

Single Phase / Three Phase Starters

Lighting Load Contactors 30A/60Amp

Accessories / Field Additions

Conformity to Standards

IEC 947 - 4-1
VDE 0660
EN 60947
BS 5424



AEG



TYPE XLSK AC MOTOR STARTERS

3 Phase Full Voltage-Across the Line



All Starters Supplied with BUILT-IN HEATERS

Size 00-2



NEMA RATED

UL General purpose Amp	NEMA Rated	Horse Power (UL) Ratings 3 Phase Motor Max UL HP	OPEN	ENCLOSED					NEMA HP ★
				NEMA 1 General Purpose	NEMA 4X Outdoor (non-metal)	NEMA 4 (metal)	NEMA 3R (metal)	NEMA 12 Dust Tight (metal)	
		200V 3 HP 230V 3 HP 460V 5 HP	XLS05 -★0-★★ \$89	XLS05 -★1-★★ \$161	XLS05 -★4x-★★ \$184	XLS05 -★4-★★ \$190	XLS05 -★3R-★★ \$170	XLS05 -★12-★★ \$170	★ See Below
25A	00	200V 3 HP 230V 3 HP 460V 7.5 HP 600V 10 HP LIST	XLS5K -★0-★★ \$142	XLS5K -★1-★★ \$216	XLS5K -★4x-★★ \$267	XLS5K -★4-★★ \$287	XLS5K -★3R-★★ \$247	XLS5K -★12-★★ \$247	200V 1.5 HP 230V 1.5 HP 460V 2 HP 600V 2 HP NEMA 00
32A		200V 5 HP 230V 5 HP 460V 10 HP 600V 15 HP LIST	XLS7K -★0-★★ \$145	XLS7K -★1-★★ \$217	XLS7K -★4x-★★ \$270	XLS7K -★4-★★ \$290	XLS7K -★3R-★★ \$250	XLS7K -★12-★★ \$250	
45A	0	200V 5 HP 230V 7.5 HP 460V 15 HP 600V 15 HP LIST	XLS11K -★0-★★ \$170	XLS11K -★1-★★ \$242	XLS11K -★4x-★★ \$295	XLS11K -★4-★★ \$315	XLS11K -★3R-★★ \$275	XLS11K -★12-★★ \$275	200V 3 HP 230V 3 HP 460V 5 HP 600V 5 HP NEMA 0
54A		200V 10 HP 230V 10 HP 460V 20 HP 600V 25 HP LIST	XLS15K -★0-★★ \$210	XLS15K -★1-★★ \$282	XLS15K -★4x-★★ \$335	XLS15K -★4-★★ \$355	XLS15K -★3R-★★ \$315	XLS15K -★12-★★ \$315	
55A	1	200V 10 HP 230V 10 HP 460V 25 HP 600V 25 HP LIST	XLS18K -★0-★★ \$250	XLS18K -★1-★★ \$322	XLS18K -★4x-★★ \$380	XLS18K -★4-★★ \$400	XLS18K -★3R-★★ \$355	XLS18K -★12-★★ \$355	200V 7.5 HP 230V 7.5 HP 460V 10 HP 600V 10 HP NEMA 1
80A		200V 15 HP 230V 15 HP 460V 30 HP 600V 40 HP LIST	XLS22K -★0-★★ \$275	XLS22K -★1-★★ \$365	XLS22K -★4x-★★ \$427	XLS22K -★4-★★ \$447	XLS22K -★3R-★★ \$389	XLS22K -★12-★★ \$389	
100A		200V 20 HP 230V 20 HP 460V 40 HP 600V 50 HP LIST	XLS30K -★0-★★ \$343	XLS30K -★1-★★ \$433	XLS30K -★4x-★★ \$499	XLS30K -★4-★★ \$690	XLS30K -★3R-★★ \$488	XLS30K -★12-★★ \$499	
110A	2	200V 20 HP 230V 25 HP 460V 50 HP 600V 60 HP LIST	XLS37K -★0-★★ \$407	XLS37K -★1-★★ \$497	XLS37K -★4x-★★ \$563	XLS37K -★4-★★ \$780	XLS37K -★3R-★★ \$540	XLS37K -★12-★★ \$540	200V 10 HP 230V 15 HP 460V 25 HP 600V 25 HP NEMA 2

Modifications and accessories are listed on pages 60, 61.

Steps To Order Motor Starter:

Step 1-Size Choose from the UL HP and Voltage list per your application.
For example: 5 HP 230V 3 phase part # XLS7K.

Step 2 - Coil* From the coil suffix chart on the next page choose the suffix for your control circuit voltage requirement. (Example: 24VAC = G-) (Part # XLS7K-G)

Step 3 -Enclosure specify "open" or "enclosed" requirements.
For example if NEMA 12 (part # XLS7K-G12-).

Step 4 -Overload Amps** This step requires a suffix for your overload protection, refer to "OVERLOAD RELAY SUFFIX TABLE"
(Example: 5HP @ 230V 3 Phase,if 13 Full Load Amps = suffix "N".)
Example: XLS7K - G12 - N

** Overload Relay Suffix			
O.L. Relay Setting Range		O.L. Relay Setting Range	
Suffix	(Amps)	Suffix	(Amps)
-B	0.16-0.26	-ON	21-26
-C	0.25-0.41	-P	25-32
-D	0.4-0.65	-Q	30-40
-E	0.65-1.1	-QN	42-55
-F	1.1-1.5	-RN	54-65
-G	1.3-1.9	-SN	64-82
-H	1.8-2.7	-TM	78-97
-I	2.5-4	-TN	90-110
-K	4-6.3	-TT	110-140
-L	5.5-8.5	-U	140-190
-M	8-12	-V	175-280
-N	10-16	-W	200-310
-O	14.5-18	-WT	250-400
-OM	17.5-22	-X	315-500
		-Y	430-700



TYPE XLSK AC STARTERS

3 Phase Full Voltage-Across the Line



All Starters Supplied with BUILT-IN HEATERS

Size 3-5

NEMA RATED

UL General purpose Amp	Horse Power Ratings 3 Phase Motor Max UL HP		OPEN	ENCLOSED					NEMA HP
				NEMA 1 General Purpose (metal)	NEMA 4X Outdoor Dust Tight (non metal)	NEMA 4 (metal)	NEMA3R Rain Tight (metal)	NEMA12 Dust Tight (metal)	
140A	200V 25 HP	230V 30 HP	XLS45K	XLS45K	XLS45K	XLS45K	XLS45K	XLS45K	
	460V 60 HP	600V 75 HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$497	\$578	\$708	\$994	\$708	\$708	
140A	200V 30 HP	230V 40 HP	XLS55K	XLS55K	XLS55K	XLS55K	XLS55K	XLS55K	200V 25 HP 230V 30 HP 460V 50 HP 600V 50 HP NEMA 3
	460V 75 HP	600V 75 HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$587	\$777	\$1,302	\$1,532	\$1,332	\$1,332	
156A	200V 40 HP	230V 50 HP	XLS75K	XLS75K	XLS75K	XLS75K	XLS75K	XLS75K	
	460V 100 HP	600V 125 HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$995	\$1,185	\$1,710	\$1,840	\$1,840	\$1,840	
175A	200V 50 HP	230V 60 HP	XLS90K	XLS90K	XLS90K	XLS90K	XLS90K	XLS90K	200V 40 HP 230V 50 HP 460V 100 HP 600V 100 HP NEMA 4
	460V 125 HP	600V 150 HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$1,171	\$1,416	\$1,886	\$2,308	\$2,072	\$2,072	
175A	200V 60 HP	230V 75 HP	XLS110K	XLS110K	XLS110K	XLS110K	XLS110K	XLS110K	
	460V 150HP	600V 150HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$1,347	\$1,647	\$2,062	\$2,777	\$2,304	\$2,304	
200A	200V 60 HP	230V 75HP	XLS132K	XLS132K	XLS132K	XLS132K	XLS132K	XLS132K	
	460V 150HP	600V 150HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$1,590	\$1,798	\$2,319	\$2,928	\$2,455	\$2,455	
310A	200V 100 HP	230V 100HP	XLS160K	XLS160K	XLS160K	XLS160K	XLS160K	XLS160K	200V 75 HP 230V 100 HP 460V 200 HP 600V 200 HP NEMA 5
	460V 250 HP	600V 300HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$1,649	\$1,949	\$2,576	\$3,079	\$2,606	\$2,606	
500A	200V 125 HP	230V 150 HP	XLS220K	XLS220K	XLS220K	XLS220K	XLS220K	XLS220K	
	460V 300HP	600V 400HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$2,260	\$3,560	\$3,820	\$5,848	\$4,080	\$4,080	
600A	200V 150HP	230V 200HP	XLS280K	XLS280K	XLS280K	XLS280K	XLS280K	XLS280K	
	460V 400HP	600V 500HP	-*0-***	-*1-***	-*4x-***	-*4-***	-*3R-***	-*12-***	
	LIST		\$3,310	\$4,750	\$5,010	\$8,926	\$5,270	\$5,270	

For LS4K-LS18K (3 pole)		
AC	60Hz	50HZ
-G	24	24
-A	120	120
-B	200	200
-C	220	220
-H	277	230
-E	480	380
-F	600	500
DC add \$30 to list		
-MSW	12 VDC	
-NSW	24VDC	
-OSW	48 VDC	
-PSW	110 VDC	
-RSW	220 VDC	

For LS22K-LS55K (3 pole)		
AC	60Hz	50HZ
-G	24	24
-A	120	120
-B	200	200
-C	220	220
-H	277	230
-E	480	380
-F	600	500
DC add \$45 to list		
-NSW	24-28 VDC	
-OSW	42-48 VDC	
-PSW	110-127 VDC	
-RSW	220-250 VDC	

For LS75K-LS375K (3 Pole)	
AC/DC	50/60 Hz + DC
-N	24-28V
-AP	110-127V
-CR	220-250V
-EX	440-500V

* Coil Suffix

No Addition for DC above.

Part # Example: XLS45K:
XLS45K= Size LS45K Contactor
A= 120 VAC Coil
I= NEMA 1 Enclosure
Q= 30-40 Amps

** Overload Relay Suffix			
O.L. Relay Setting Range		O.L. Relay Setting Range	
Suffix	(Amps)	Suffix	(Amps)
-B	0.16-0.26	-ON	21-26
-C	0.25-0.41	-P	25-32
-D	0.4-0.65	-Q	30-47
-E	0.65-1.1	-QN	42-55
-F	1.1-5	-RN	54-65
-G	1.3-1.9	-SN	64-82
-H	1.8-2.7	-TM	78-97
-I	2.5-4	-TN	90-110
-K	4-6.3	-TT	110-140
-L	5.5-8.5	-U	140-190
-M	8-12	-V	175-280
-N	10-16	-W	200-310
-O	14.5-18	-WT	250-400
-OM	17.5-22	-X	315-500

Discount Schedule ST Modification & Accessories P.60,61 *Coil Suffix



NEMA 1 Open Starter
(Type SXLS7K 3HP 230V)



NEMA 1 Enclosed
(Type SXLS7K 3HP 230V)



NEMA 4X Enclosed
start/stop operator

AEG Maximum H.P. is a conservative rating fully equivalent to or surpassing NEMA ratings. Mechanical life is 10,000,000 operations with electrical life approximately 1,000,000 operations at full rated Horse Power.

EE Controls size grouping were designed to match logical motor horse power groupings as used throughout industry. As such, more sizes are offered than the NEMA industry. Each unit fully meets applicable codes and can be applied per the NEC code.

More sizes allows users to closer match their motor and drives package with the result of substantial cost and space savings.

In industry, the metal **General Purpose NEMA 1** enclosure is the most widely used and versatile design. As standard, a selection of knockouts are provided on all sides for conduit entry and for field start - stop kit or selector switch additions.

Type 4X Enclosed Starters. NEMA 4X starters are UL / CSA listed starters enclosed in type 4X U.L. listed enclosures. Type 4X enclosures are designed for outdoor / hose down/ dust tight applications and are non-metal corrosion resistant.

See Previous page 34 for * Coil Voltage Suffix & ** Overload Suffix

UL HP Rating 1 Phase Motors 115V HP 230V HP		OPEN	NEMA 1 General Purpose (Metal)	NEMA 4X Outdoor Dust Tight (Non-metal)	NEMA 4 (Metal)	NEMA 3R Rain Tight (Metal)	NEMA 12 Dust Tight (Metal)
1/2	1 1/2	SXLS05 - *0-** \$89	SXLS05 - *1-** \$161	SXLS05 - *4X- ** \$184	SXLS05 - *4- ** \$190	SXLS05 - *3R- ** \$170	SXLS05 - *12- ** \$170
3/4	2	SXLS5K - *0-** \$142	SXLS5K - *1-** \$216	SXLS5K - *4X- ** \$267	SXLS5K - *4- ** \$287	SXLS5K - *3R- ** \$247	SXLS5K - *12- ** \$247
1	3	SXLS7K - *0-** \$145	SXLS7K - *1-** \$217	SXLS7K - *4X- ** \$270	SXLS7K - *4- ** \$290	SXLS7K - *3R- ** \$250	SXLS7K - *12- ** \$250
1 1/2	3	SXLS11K - *0-** \$170	SXLS11K - *1-** \$242	SXLS11K - *4X- ** \$295	SXLS11K - *4- ** \$315	SXLS11K - *3R- ** \$275	SXLS11K - *12- ** \$275
2	5	SXLS15K - *0-** \$210	SXLS15K - *1-** \$282	SXLS15K - *4X- ** \$335	SXLS15K - *4- ** \$355	SXLS15K - *3R- ** \$315	SXLS15K - *12- ** \$315
3	5	SXLS18K - *0-** \$250	SXLS18K - *1-** \$322	SXLS18K - *4X- ** \$380	SXLS18K - *4- ** \$400	SXLS18K - *3R- ** \$355	SXLS18K - *12- ** \$355
3	7 1/2	SXLS22K - *0-** \$275	SXLS22K - *1-** \$365	SXLS22K - *4X- ** \$427	SXLS22K - *4- ** \$447	SXLS22K - *3R- ** \$389	SXLS22K - *12- ** \$389
5	10	SXLS30K - *0-** \$343	SXLS30K - *1-** \$433	SXLS30K - *4X- ** \$473	SXLS30K - *4- ** \$690	SXLS30K - *3R- ** \$499	SXLS30K - *12- ** \$499
7 1/2	15	SXLS45K - *0-** \$497	SXLS45K - *1-** \$578	SXLS45K - *4X- ** \$708	SXLS45K - *4- ** \$994	SXLS45K - *3R- ** \$708	SXLS45K - *12- ** \$708
10	20	SXLS55K - *0-** \$587	SXLS55K - *1-** \$777	SXLS55K - *4X- ** \$1,302	SXLS55K - *4- ** \$1,532	SXLS55K - *3R- ** \$1,332	SXLS55K - *12- ** \$1,332



Type LS-K 3-Pole (Open Type) AC Contactors



New Lower List Prices Than IC - 9 Main Catalog

3 N.O Power Poles
600 Volt AC

(1 Phase) Voltage		(3 Phase) Voltage				AMPS (600)		(1) ▲ ▲ Part #	List Price	2N.O./2N.C. Auxiliary Option ●● (2) Top Mount	Special List Price	Dimensions(mm) without aux. contacts		
						Ith	UL/CSA general purpose					W	H	D
115	230	200	230	460	600	AC-1								
.75	1.5	3	3	5	7.5	25	25A	LS4K.10*	\$ 75.00	LS4K.22T-*	\$ 85.00	45	81	85/115
.75	2	3	3	7.5	10	25	25A	LS5K.10*	\$ 87.00	LS5K.22T-*	\$ 102.00	45	81	85/115
1	3	5	5	10	15	32	32A	LS7K.10*	\$ 90.00	LS7K.22T-*	\$ 105.00	45	81	85/115
1.5	3	5	7.5	15	15	45	32A	LS11K.10*	\$ 105.00	LS11K.22T-*	\$ 115.00	45	81	87/117
2	5	10	10	20	25	60	54A	LS15K.10*	\$ 145.00	LS15K.22T-*	\$ 155.00	55	87	98/134
3	5	10	10	25	25	60	55A	LS18K.11*	\$ 155.00	LS18K.22T-*	\$ 162.00	55	87	98/134
3	7.5	15	15	30	40	90	80A	LS22K.11*	\$ 160.00	LS22K.22T-*	\$ 167.00	66	117.5	116/144
5	10	20	20	40	50	110	100A	LS30K.11*	\$ 240.00	LS30K.22T-*	\$ 247.00	66	117.5	116/144
5	15	20	25	50	60	110	110A	LS37K.11*	\$ 290.00	LS37K.22T-*	\$ 297.00	66	117.5	116/144
7.5	15	25	30	60	75	140	140A	LS45K.11*	\$ 380.00	LS45K.22T-*	\$ 387.00	75	117.5	126/154
10	20	30	40	75	75	140	140A	LS55K.11*	\$ 470.00	LS55K.22T-*	\$ 477.00	75	117.5	126/154
LS4K - LS55K are 35mm DIN Rail or Screw Mount									CONTACTORS LARGER THAN LS55K HAVE SIDE MOUNT AUX.					↑ AC/DC DEPTH ↑
40	50	100	125	250	156A			LS75K.22*	\$ 800.00			135	178	165.5
50	60	125	150	250	175A			LS90K.22*	\$ 1050.00			135	178	165.5
60	75	150	150	315	175A			LS110K.22*	\$ 1,164.00			150	212	208
60	75	150	150	315	200A			LS132K.22*	\$ 1,200.00			150	212	208
100	100	250	300	450	310A			LS160K.22*	\$ 1,229.00			150	212	208
125	150	300	400	600	500A			LS220K.22*	\$ 1,720.00			160	220	228
150	200	400	500	700	600A			LS280K.22*	\$ 2,770.00			160	220	228
200	250	500	600	1000	810A			LS375K.22*	\$ 3,800.00			210	270	262
350	450	900	900	1250	1215			LS450K.22*	\$ 6,500.00	is not cUL approved		464	380	327

*** Coil Suffix - Add to Coil Suffix**

For LS4K-LS18K (3Pole)		
AC	60Hz	50Hz
-G	24	24
-A	120	120
-B	200	200
-C	220	220
-H	277	230
-E	480	380
-F	600	500
DC ADD \$30 TO LIST		
-MSW	12VDC	
-NSW	24VDC	
-OSW	48VDC	
-PSW	110VDC	
-RSW	220VDC	

For LS22K-LS55K (3Pole)		
AC	60Hz	50Hz
-G	24	24
-A	120	120
-B	200	200
-C	220	220
-H	277	230
-E	480	380
-F	600	500
DC ADD \$45 TO LIST		
-NSW	24-28VDC	
-OSW	42-48VDC	
-PSW	110-127VDC	
-RSW	220-250VDC	

For LS75K-LS375K (3Pole)	
AC/DC	50/60 Hz + DC
-GN	24-28 V
-AP	110-127V
-CR	220-250V
-EX	440-500V
No DC Adders for these sizes	
For LS450 (3&4 Pole)	
(AC ONLY)	50/60Hz
-A	110-120V
-C	220-250V
-E	360-440V

To Order:

Select from the Horse Power and voltage list the appropriate contactor size. Once the size is determined, contactor coil suffix must be designated from the chart to the left.

Example :

5 HP 230 Volt load with a 120 VAC coil.

Part # : LS7K.10- A, List \$90.00.

(1) ▲ ▲ = For NEMA Labelled Contactors
Add Suffix - NA.No Additional Charge.



TYPE LSK AC 3 POLE CONTACTORS

3 Phase Full Voltage-Across the Line



				Size 00-2		CE		NEMA RATED		
AC-1	AC-3	Horse Power (UL) Ratings 3 Phase Voltage Max UL HP		OPEN	ENCLOSED					NEMA HP *
		Volts	HP		NEMA 1 General Purpose	NEMA 4X Outdoor (non-metal)	NEMA 4 (metal)	NEMA 3R (metal)	NEMA 12 Dust Tight (metal)	
20	9	200V 230V 460V	3 HP 3 HP 5 HP	LS05 -*O	LS05 -1	LS05 -4X	LS05 -4	LS05 -3R	LS05 -12	* See Below
		LIST \$		\$40.00	\$109.00	\$132.00	\$138.00	\$118.00	\$118.00	
25	9	200V 230V 460V 600V	3 HP 3 HP 5 HP 7.5 HP	LS4K -*O	LS4K -1	LS4K -4X	LS4K -4	LS4K -3R	LS4K -12	
		LIST \$		\$75.00	\$144.00	\$167.00	\$187.00	\$147.00	\$147.00	
25	12	200V 230V 460V 600V	3 HP 3 HP 7.5 HP 10 HP	LS5K -*O	LS5K -1	LS5K -4X	LS5K -4	LS5K -3R	LS5K -12	200V 1.5 HP 230V 1.5 HP 460V 2 HP 600V 2 HP NEMA 00
		LIST \$		\$87.00	\$156.00	\$179.00	\$199.00	\$159.00	\$159.00	
32	18	200V 230V 460V 600V	5 HP 5 HP 10 HP 15 HP	LS7K -*O	LS7K -1	LS7K -4X	LS7K -4	LS7K -3R	LS7K -12	
		LIST \$		\$90.00	\$159.00	\$182.00	\$202.00	\$162.00	\$162.00	
45	25	200V 230V 460V 600V	5 HP 7.5 HP 15 HP 15 HP	LS11K -*O	LS11K -1	LS11K -4X	LS11K -4	LS11K -3R	LS11K -12	200V 3 HP 230V 3 HP 460V 5 HP 600V 5 HP NEMA 0
		LIST \$		\$105.00	\$174.00	\$197.00	\$217.00	\$177.00	\$177.00	
60	32	200V 230V 460V 600V	10 HP 10 HP 20 HP 25 HP	LS15K -*O	LS15K -1	LS15K -4X	LS15K -4	LS15K -3R	LS15K -12	
		LIST \$		\$145.00	\$214.00	\$237.00	\$257.00	\$217.00	\$217.00	
60	40	200V 230V 460V 600V	10 HP 10 HP 25 HP 25 HP	LS18K -*O	LS18K -1	LS18K -4X	LS18K -4	LS18K -3R	LS18K -12	200V 7.5 HP 230V 7.5 HP 460V 10 HP 600V 10 HP NEMA 1
		LIST \$		\$155.00	\$224.00	\$247.00	\$267.00	\$222.00	\$222.00	
90	50	200V 230V 460V 600V	15 HP 15 HP 30 HP 40 HP	LS22K.11 -*O	LS22K.11 -1	LS22K.11 -4X	LS22K.11 -4	LS22K.11 -3R	LS22K.11 -12	
		LIST \$		\$160.00	\$229.00	\$282.00	\$302.00	\$244.00	\$244.00	
110	65	200V 230V 460V 600V	20 HP 20 HP 40 HP 50 HP	LS30K -*O	LS30K -1	LS30K -4X	LS30K -4	LS30K -3R	LS30K -12	
		LIST \$		\$240.00	\$309.00	\$362.00	\$553.00	\$351.00	\$351.00	
110	80	200V 230V 460V 600V	20 HP 25 HP 50 HP 60 HP	LS37K -*O	LS37K -1	LS37K -4X	LS37K -4	LS37K -3R	LS37K -12	200V 10 HP 230V 15 HP 460V 25 HP 600V 25 HP NEMA 2
		LIST \$		\$290.00	\$359.00	\$412.00	\$629.00	\$389.00	\$389.00	

Modifications and accessories are listed on pages

To Order:

Select from the Horse Power voltage list the appropriate contactor size. Once the size is determined, contactor coil suffix must be designated from the chart on next page.

Example:

5 HP 230V load with a 120VAC Coil, NEMA 1 Enclosure
Part#: **LS7K-A1 \$159.00 List**



TYPE LSK AC 3 POLE CONTACTORS

3 Phase Full Voltage-Across the Line



		Horse Power (UL) Ratings 3 Phase Voltage Max UL HP		OPEN	ENCLOSED					NEMA HP *	
AC-1	AC-3	Volts	HP		NEMA 1 General Purpose	NEMA 4X Outdoor (non-metal)	NEMA 4 (metal)	NEMA 3R (metal)	NEMA 12 Dust Tight (metal)	NEMA HP *	
140	95	200V 230V 460V 600V	25 HP 30 HP 60 HP 75 HP	LS45K -O	LS45K -1	LS45K -4X	LS45K -4	LS45K -3R	LS45K -12		
		LIST \$		\$380.00	\$467.00	\$533.00	\$819.00	\$533.00	\$533.00		
140	105	200V 230V 460V 600V	30 HP 40 HP 75 HP 75 HP	LS55K -O	LS55K -1	LS55K -4X	LS55K -4	LS55K -3R	LS55K -12	200V 230V 460V 600V	25 HP 30 HP 50 HP 50 HP
		LIST \$		\$470.00	\$557.00	\$623.00	\$853.00	\$653.00	\$653.00		NEMA 3
250	150	200V 230V 460V 600V	40 HP 50 HP 100 HP 125 HP	LS75K -O	LS75K -1	LS75K -4X	LS75K -4	LS75K -3R	LS75K -12		
		LIST \$		\$800.00	\$1,038.00	\$1,150.00	\$1,280.00	\$1,280.00	\$1,280.00		
250	185	200V 230V 460V 600V	50 HP 60 HP 125 HP 150 HP	LS90K -O	LS90K -1	LS90K -4X	LS90K -4	LS90K -3R	LS90K -12	200V 230V 460V 600V	40 HP 50 HP 100 HP 100 HP
		LIST \$		\$1,050.00	\$1,288.00	\$1,400.00	\$1,822.00	\$1,642.00	\$1,642.00		NEMA 4
315	205	200V 230V 460V 600V	60 HP 75 HP 150 HP 150 HP	LS110K -O	LS110K -1	LS110K -4X	LS110K -4	LS110K -3R	LS110K -12		
		LIST \$		\$1,164.00	\$1,759.00	\$1,954.00	\$2,669.00	\$2,196.00	\$2,196.00		
315	250	200V 230V 460V 600V	60 HP 75 HP 150 HP 150 HP	LS132K -O	LS132K -1	LS132K -4X	LS132K -4	LS132K -3R	LS132K -12		
		LIST \$		\$1,200.00	\$1,795.00	\$1,990.00	\$2,820.00	\$2,347.00	\$2,347.00		
450	309	200V 230V 460V 600V	100 HP 100 HP 250 HP 300 HP	LS160K -O	LS160K -1	LS160K -4X	LS160K -4	LS160K -3R	LS160K -12	200V 230V 460V 600V	75 HP 100 HP 200 HP 200 HP
		LIST \$		\$1,229.00	\$1,824.00	\$2,019.00	\$2,849.00	\$2,376.00	\$2,376.00		NEMA 5
600	420	200V 230V 460V 600V	125 HP 150 HP 300 HP 400 HP	LS220K -O	LS220K -1	LS220K -4X	LS220K -4	LS220K -3R	LS220K -12		
		LIST \$		\$1,720.00	\$2,445.00	\$3,277.00	\$5,305.00	\$3,537.00	\$3,537.00		
700	550	200V 230V 460V 600V	150 HP 200 HP 400 HP 500 HP	LS280K -O	LS280K -1	LS280K -4X	LS280K -4	LS280K -3R	LS280K -12		
		LIST \$		\$2,770.00	\$3,492.00	\$4,327.00	\$8,243.00	\$4,587.00	\$4,587.00		

***Coil
Suffix
Chart**

For LS4K-LS18K (3 Pole)			
AC	60Hz	50Hz	
-G	24	24	
-A	120	120	
-B	200	200	
-C	220	220	
-H	277	230	
-E	480	380	
-F	600	500	
DC add \$30 to List			
-MSW	12 VDC		
-NSW	24 VDC		
-OSW	48 VDC		
-PSW	110 VDC		
-RSW	220 VDC		

For LS22K-LS55K (3 Pole)			
AC	60Hz	50Hz	
-G	24	24	
-A	120	120	
-B	200	200	
-C	220	220	
-H	277	230	
-E	480	380	
-F	600	500	
DC add \$45 to List			
-NSW	24-28 VDC		
-OSW	42-48 VDC		
-PSW	110-127 VDC		
-RSW	220-250 VDC		

For LS75K-LS375K (3 Pole)	
AC/DC	50/60 Hz + DC
-GN	24-28V
-AP	110-127V
-CR	220-250V
-EX	440-500V
No additional adder for DC.	

* Coil Suffix

4 N.O. POWER POLES (CODE - 4) 2 N.O. & 2 N.C. POWER POLES (CODE - 22)					600 VOLT AC CE					
Max Horsepower				AMPS (600V)		Part Number	List Price	DIMENSIONS (mm) without aux. contacts		
(3 Phase) Voltage				AC-1	UL/CSA Inductive			W	H	D [^]
200	230	460	600							
3	3	7.5	10	25	25	LS5K-4-*	\$92.00	81	45	85/115
						LS5K-22-*	92.00	81	45	85/115
5	5	10	15	32	32	LS7K-4-*	94.00	81	45	85/115
						LS7K-22-*	100.00	81	45	85/115
5	7.5	15	15	45	32	LS11K-4-*	110.00	87	55	98/134
						LS11K-22-*	110.00	87	55	98/134
10	10	20	25	60	54	LS15K-4-*	195.00	87	55	98/134
						LS15K-22-*	195.00	87	55	98/134
10	10	25	25	90	55	LS18K-4-*	240.00	118	87	119/147
						LS18K-22-*	240.00	118	87	119/147
20	20	50	50	110	100	LS30K-4-*	340.00	118	87	119/147
						LS30K-22-*	340.00	118	87	119/147
20	25	50	60	110	100	LS37K-22-*	398.00	118	87	119/147
25	30	60	75	140	140	LS45K-4-*	420.00	118	96	126/154
30	40	75	75	200	140	LS55K-4-*	627.00	200	150	176
50	60	125	125	325	156	LS90K-4-*	1,200.00	225	210	246
60	75	150	150	400	200	LS132K-4-*	1,745.00	225	210	246
100	100	200	300	500	310	LS160K-4-*	2,300.00	225	210	246
125	150	300	400	600	500	LS220K-4-*	2,650.00	218	214	228
150	200	400	500	700	650	LS280K-4-*	3,950.00	218	214	228
200	250	500	600	1000	810	LS375-4-*	5,400.00	250	269	304
350	450	900	900	1250	1215	LS450K-4-*	9,450.00	380	558	327

NOTE: Above contactors, LS5K - LS55K are supplied without auxiliaries.

* **COIL SUFFIX** - Select coil from chart on the previous page.

For accessories - see page 61.

▲ AC Depth/DC Depth



LS37K-22-A

4 pole (2 N.O. / 2 N.C., 100 Amp.)



LS450K-4. 11-A

4 pole (N.O., 1250 Amp.)

Standard Auxiliary Contacts (4-Pole Contactors)	
Contactors	Standard Auxiliary
LS4K - LS55K	Without Auxiliary
LS90K - LS450K	1N.O., 1 N.C.

Accessories on page 61.



Specialty Applications



Specialty Applications

While **AEG** Continues to be a leader in furthering the versatility of their Motor Controls Components, the LSK Series family of contactors and relays offer a wide versatile solution to todays demanding requirements of a compact high performance worldwide accepted motor control line. Below are just some of the specialty applications:

- 1- * Elevator /Hoist Duty Approvals (UL)
- 2- * KVAR Ratings on standard LSK line (capacitor switching)

AMBIENT TEMP -20°- 55°C
(-4°F - 131° F)

Elevator Duty Ratings:

CAT. NO.	Elevator Duty Current		Single Phase				Three Phase							
	RATING @ 480V	RATING @ 600V	115 V		230V		200V		230V		460V		600V	
			HP	AMPS	HP	AMPS	HP	AMPS	HP	AMPS	HP	AMPS	HP	AMPS
LS4K	7.8		0.33	7.2	0.75	6.9	2	7.8	2	6.8	5	7.6		
LS5K	11		0.5	9.8	1.5	10	3	11	3	9.6	7.5	11		
LS7K	15.2		0.75	13.8	2	12	3	11	5	15.2	10	14		
LS11K	22		1.5	20	3	17	5	17.5	7.5	22	15	21		
LS15K	27		2	24	3	17	7.5	25	7.5	22	20	27		
LS22K	34	32	3	34	5	28	10	32	10	28	25	34	30	32
LS30K	42		3	34	7.5	40	10	32	15	42	30	40		
LS37K	56		5	56	10	50	15	48	20	54	40	52		
LS45K	65		5	56	10	50	20	62	20	54	50	65		

Note: The above cul approved are derated from standard duty cycle ratings shown on full line catalog page for LSK series contactors.

AMBIENT TEMP -20°- 55°C
(-4°F - 131° F)

KVAR Ratings

Maximum three phase for Switching Capacitors

CATALOG #	10,000 AMP RMS				22,000 AMP RMS			
	Maximum Available Fault Current				Maximum Available Fault Current			
	200V	230V	460V	575V	200V	230V	460V	575V
LS4K	3	3	5	5.7	1.5	1.5	2.5	2.8
LS5K	4.5	4.5	9.5	11	2.2	2.2	4.5	5.5
LS7K	6.5	6.5	11	12.5	3.2	3.2	5.5	6.2
LS11K	9	9	15	17.5	4.5	4.5	7.5	8.2
LS15K	12.5	12.5	21	24	6.2	6.2	10.5	12
LS18K	17	17	30	35	8.5	8.5	15	17.5
LS22K	22	22	40	50	11	11	20	25
LS30K	25	25	45	65	12.5	12.5	22.5	32.5
LS37K	30	30	50	70	15	15	25	35
LS45K	40	40	65	95	20	20	32.5	47.5
LS55K	50	50	80	120	25	25	40	60
LS75K	60	60	100	150	60	60	100	150
LS90K	70	70	130	175	70	70	130	175
LS132K	95	95	165	230	95	95	165	230
LS160K	105	105	190	288	105	105	190	288
LS220K	135	135	260	370	135	135	260	370
LS280K	190	190	325	450	190	190	325	450
LS375K	250	250	400	600	250	250	400	600

LS-K CONTACTORS FROM LS 4K TO LS 18K INTERNATIONAL RATINGS



Type	LS 4K		LS 5K		LS 7K		LS 11K		LS 15K		LS 18K	
Style	3 pole		3 pole	4 pole	3 pole	4 pole	3 pole	4 pole	3 pole	4 pole	3 pole	4 pole
Rated insulation voltage U_i												
Pollution degree 3												
V												
1000												
kV												
6												
Rated impulse voltage U_{imp}												
kV												
6												
Mechanical endurance												
AC - operation Operations Mil												
15												
DC - operation Operations Mil												
15												
Utilization category AC-1												
Rated power values at resistive load												
Rated power value P_N												
3~230 V kW												
9,5												
3~400 V kW												
16,5												
3~500 V kW												
21,5												
3~690 V kW												
28,5												
Rated current I_e up to 690 V												
Amps												
25												
Minimum wire cross-section under rated load I_e												
mm ²												
4												
Admissible practical operation frequency												
opsh												
1200												
Rated current at 1000 opsh												
A												
25												
Utilization category AC-3												
Rated power values of AC induction type motors												
Rated power value P_N												
3~230 V kW												
2,2												
3~400 V kW												
4												
3~415 V kW												
4												
3~500 V kW												
5,5												
3~690 V kW												
5,5												
Rated current I_e up to 440 V												
Amps												
9												
Admiss. switching freq. at P_N and cont. cycling												
opsh												
1200												
Utilization category AC-4												
Rated power values of AC induction type motors												
Rated power value P_N												
3~230 V kW												
1,1												
3~400 V kW												
2,2												
3~500 V kW												
3												
3~690 V kW												
4												
Rated current I_e with practical electrical endurance up to												
3~440 V Amps												
5												
Admissible switching frequency												
opsh												
360												
Maximum permissible load P_N												
3~400 V kW												
4												
3~400 V A												
9												
Utilization category AC-6b												
Rated power values of AC capacitors (minimum inductance between parallel connected capacitors 6 μ H)												
Single / Parallel operation												
3~230 V kvar												
2,5/2,5												
3~400 V kvar												
4 /4												
3~525 V kvar												
4 /4												
3~690 V kvar												
4 /4												
DC-switching Rated current I_e												
3 contacts connected in series (all DC-motors $L/R \leq 15$ ms)												
DC-1 (resistive load)												
24 ... 220 V I_e A												
25												
DC-3 / DC-5												
24 ... 110 V I_e A												
15												
Admissible switching frequency (DC-1 ... DC-5)												
50												
Short Circuit protection of main contacts¹⁾												
Maximum permissible fuse (operating category gL)												
Coordination type »2«												
no welding												
25												
10												
Operating coil for AC-operation												
Standard coil, power consumption at 50 Hz 1,0 U_s												
Operating range 0,8 ... 1,1 U_s												
Pick-up P_{AS} VA												
45												
Holding P_{HS} VA												
6												
cos \varnothing												
0,82												
cos \varnothing												
0,34												
Operating coil for DC-operation												
Standard coil, power consumption at 1,0 U_s												
Operating range 0,8 ... 1,1 U_s												
Pick-up P_A W												
5,5												
Holding P_H W												
5,5												
Switching items at AC-operation												
Standard coil, power consumption at 1,0 U_s												
Making delay ms												
6 ... 25												
Drop-out delay ms												
6 ... 13												
Switching items at DC-operation												
Standard coil, power consumption at 1,0 U_s												
Making delay ms												
35 ... 65												
Drop-out delay ms												
30 ... 60												

1) According to VDE 0660 part 102 / IEC 947 -4-1 coordination type permit the following damages:
»2« Slight welding of contacts that can easily be opened, is admitted but no further damages.

2) Minimum inductance between parallel connected capacitor 20 μ H