TYPE XLSK AC MOTOR STARTERS

3 Phase Full Voltage-Across the Line

All Starters Supplied with BUILT-IN HEATERS **Size 00-2** CE **NEMA RATED**

AC-1	AC-3	Horse Power (UL) Ratings 3 Phase Motor Volts / Max UL HP	OPEN	ENCLOSED NEMA 1 General Purpose	NEMA 4X Outdoor (non-metal)	NEMA 4 (metal)	NEMA 3R (metal)	NEMA 12 Dust Tight (metal)	NEMA HP ★
20	9	200V 3 HP **230V 3 HP** **460V 5 HP**	XLS05 See page 77						★ See Below
25	12	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**
32	18	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	
45	25	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**
60	32	200V 10 HP **230V 10 HP** **460V 20 HP** 600V 25 HP LIST	XLS15K -★0-★★ $220	XLS15K -★1-★★ $292	XLS15K -★4x-★★ $345	XLS15K -★4-★★ $355	XLS15K -★3R-★★ $315	XLS15K -★12-★★ $315	
60	40	200V 10 HP **230V 10 HP** **460V 25 HP** 600V 25 HP LIST	XLS18K -★0-★★ $260	XLS18K -★1-★★ $332	XLS18K -★4x-★★ $385	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**
90	50	200V 15 HP **230V 15 HP** **460V 30 HP** 600V 40 HP LIST	XLS22K -★0-★★ $285	XLS22K -★1-★★ $375	XLS22K -★4x-★★ $441	XLS22K -★4-★★ $447	XLS22K -★3R-★★ $389	XLS22K -★12-★★ $389	
110	65	200V 20 HP **230V 20 HP** **460V 40 HP** 600V 50 HP LIST	XLS30K -★0-★★ $386	XLS30K -★1-★★ $476	XLS30K -★4x-★★ $542	XLS30K -★4-★★ $690	XLS30K -★3R-★★ $488	XLS30K -★12-★★ $499	
110	80	200V 20 HP **230V 25 HP** **460V 50 HP** 600V 60 HP LIST	XLS37K -★0-★★ $421	XLS37K -★1-★★ $511	XLS37K -★4x-★★ $577	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 65, 68.dimensions page 70

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-G**12-**).

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**

Suffix	O.L. Relay Setting Range (Amps)	Suffix	O.L Relay Setting Range (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	1.1.5	-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

★ =For NEMA Labelled Contactors, Add -"NA" Suffix, No Additional Charge. See next Page for Coil Voltage Suffix * Discount Schedule ST

TYPE XLSK AC STARTERS
3 Phase Full Voltage-Across the Line

AEG

All Starters Supplied with BUILT-IN HEATERS **Size 3-5** cUL CE

AC-1	AC-3	Horse Power Ratings 3 Phase Motor Volts / Max UL HP	OPEN	ENCLOSED NEMA 1 General Purpose (metal)	NEMA 4X Outdoor Dust Tight (non metal)	NEMA 4 (metal)	NEMA3R Rain Tight (metal)	NEMA12 Dust Tight (metal)	NEMA RATED NEMA HP
140	95	200V 25 HP **230V 30 HP** **460V 60 HP** 600V 75 HP LIST	XLS45K -★0-★★ $535	XLS45K -★1-★★ $638	XLS45K -★4x-★★ $735	XLS45K -★4-★★ $994	XLS45K -★3R-★★ $708	XLS45K -★12-★★ $708	
140	105	200V 30 HP **230V 40 HP** **460V 75 HP** 600V 75 HP LIST	XLS55K -★0-★★ $625	XLS55K -★1-★★ $777	XLS55K -★4x-★★ $1,302	XLS55K -★4-★★ $1,532	XLS55K -★3R-★★ $1,332	XLS55K -★12-★★ $1,332	200V 25 HP 230V 30 HP 460V 50 HP 600V 50 HP **NEMA 3**
250	150	200V 40 HP **230V 50 HP** **460V 100 HP** 600V 125 HP LIST	XLS75K -★0-★★ $1,020	XLS75K -★1-★★ $1,330	XLS75K -★4x-★★ $1,720	XLS75K -★4-★★ $1,840	XLS75K -★3R-★★ $1,840	XLS75K -★12-★★ $1,840	
250	185	200V 50 HP **230V 60 HP** **460V 125 HP** 600V 150 HP LIST	XLS90K -★0-★★ $1,270	XLS90K -★1-★★ $1,580	XLS90K -★4X-★★ $1,970	XLS90K -★4-★★ $2,308	XLS90K -★3R-★★ $2,072	XLS90K -★12-★★ $2,072	200V 40 HP 230V 50 HP 460V 100 HP 600V 100 HP **NEMA 4**
315	205	200V 60 HP **230V 75 HP** **460V 150 HP** 600V 150HP LIST	XLS110K -★0-★★ $1,550	XLS110K -★1-★★ $2,275	XLS110K -★4x-★★ $3,250	XLS110K -★4-★★ $2,777	XLS110K -★3R-★★ $2,404	XLS110K -★12-★★ $2,404	
315	250	200V 60 HP **230V 75HP** **460V 150 HP** 600V 150HP LIST	XLS132K -★0-★★ $1,660	XLS132K -★1-★★ $2,385	XLS132K -★4x-★★ $3,360	XLS132K -★4-★★ $2,928	XLS132K -★3R-★★ $2,555	XLS132K -★12-★★ $2,555	
450	309	200V 100 HP **230V 100HP** **460V 250 HP** 600V 300HP LIST	XLS160K -★0-★★ $1,860	XLS160K -★1-★★ $2,585	XLS160K -★4x-★★ $3,560	XLS160K -★4-★★ $3,079	XLS160K -★3R-★★ $2,706	XLS160K -★12-★★ $2,706	200V 75 HP 230V 100 HP 460V 200 HP 600V 200 HP **NEMA 5**
600	420	200V 125HP **230V 150HP** **460V 300HP** 600V 400HP LIST	XLS220K -★0-★★ $2,323	XLS220K -★1-★★ $3,623	XLS220K -★4x-★★ $4,023	XLS220K -★4-★★ $5,848	XLS220K -★3R-★★ $4,080	XLS220K -★12-★★ $4,080	
700	550	200V 150HP **230V 200HP** 460V 400HP 600V 500HP LIST	XLS280K -★0-★★ $3,310	XLS280K -★1-★★ $4,750	XLS280K -★4x-★★ $5,010	XLS280K -★4-★★ $8,926	XLS280K -★3R-★★ $5,270	XLS280K -★12-★★ $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 $60 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**

Suffix	O.L. Relay Setting Range (Amps)	Suffix	O.L Relay Setting Range (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	1.1.5	-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.65, 68 *Coil Suffix dimensions page 71

Single Phase Starters
Open and Enclosed Types

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.

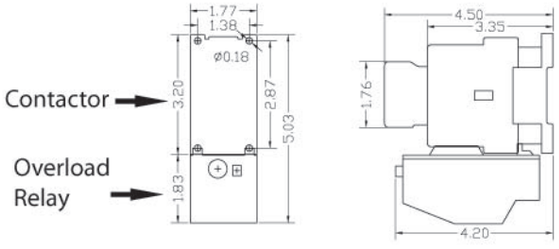
See next page 34 for * Coil Voltage Suffix & ** Overload Suffix page 47

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	See Page 77				
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-** $220	SXLS15K -*1-** $292	SXLS15K -*4X-** $345	SXLS15K -*4-** $355	SXLS15K -*3R-** $315	SXLS15K -*12-** $315
3	5	SXLS18K -*0-** $260	SXLS18K -*1-** $332	SXLS18K -*4X-** $385	SXLS18K -*4-** $400	SXLS18K -*3R-** $355	SXLS18K -*12-** $355
3	7 1/2	SXLS22K -*0-** $285	SXLS22K -*1-** $375	SXLS22K -*4X-** $441	SXLS22K -*4-** $447	SXLS22K -*3R-** $389	SXLS22K -*12-** $389
5	10	SXLS30K -*0-** $386	SXLS30K -*1-** $476	SXLS30K -*4X-** $542	SXLS30K -*4-** $690	SXLS30K -*3R-** $499	SXLS30K -*12-** $499
7 1/2	15	SXLS45K -*0-** $535	SXLS45K -*1-** $638	SXLS45K -*4X-** $735	SXLS45K -*4-** $994	SXLS45K -*3R-** $708	SXLS45K -*12-** $708
10	20	SXLS55K -*0-** $625	SXLS55K -*1-** $777	SXLS55K -*4X-** $1,302	SXLS55K -*4-** $1,532	SXLS55K -*3R-** $1,332	SXLS55K -*12-** $1,332

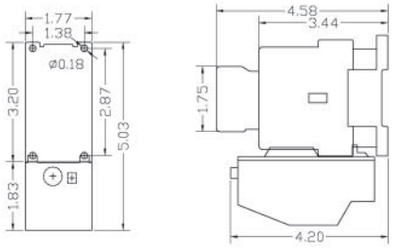
XLS Starter Drawings

AC Operated *

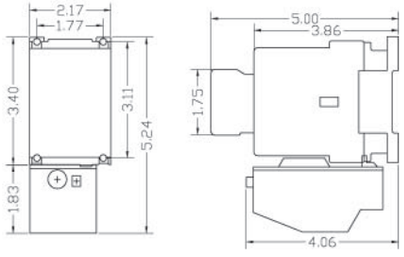
XLS4K, XLS5K, XLS7K



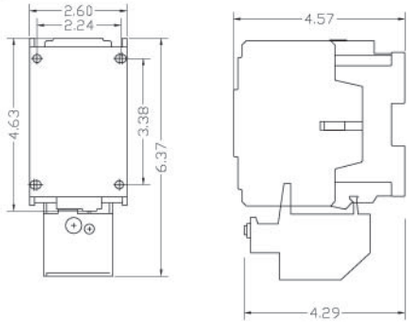
XLS11K



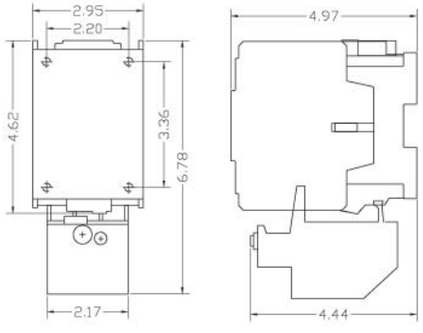
XLS15K, 18K



XLS22K, 30K, 37K

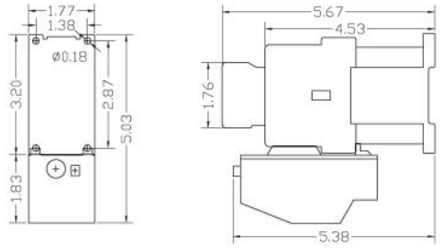


XLS45K, 55K

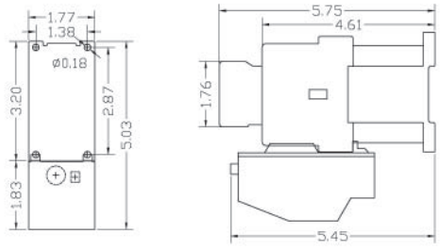


DC Operated *

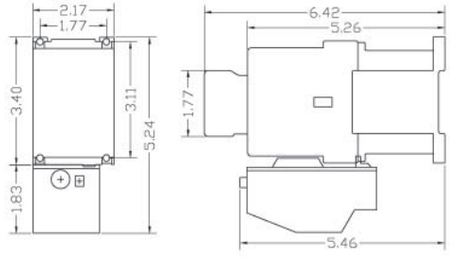
XLS4K, XLS5K, XLS7K



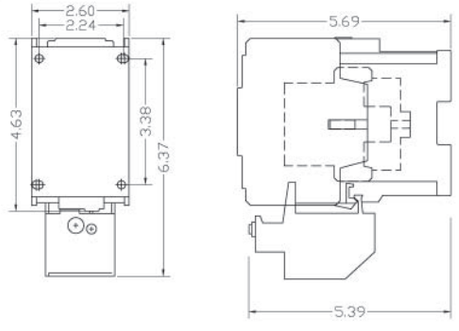
XLS11K



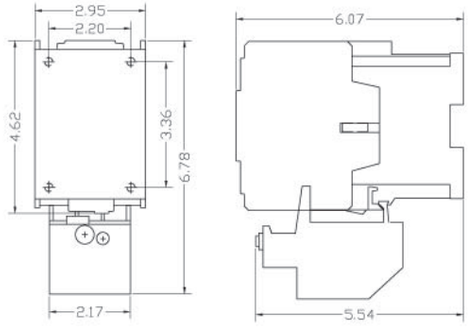
XLS15K, 18K



XLS22K, 30K, 37K



XLS45K, 55K



* Add 0.44 in. for Side-Mounted LK-HS8K Auxiliary Contact

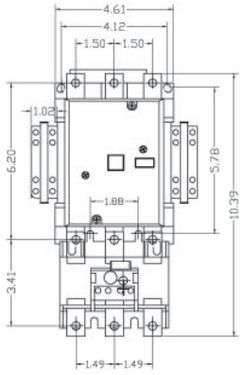
Dimension Drawings (in.)

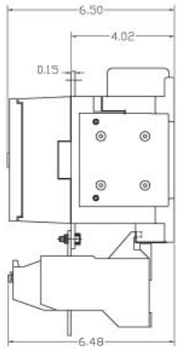
XLS Starter Drawings

XLS STARTERS

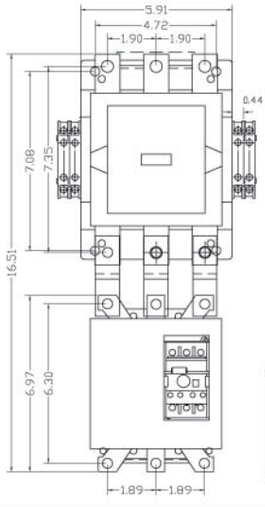
Dimension Drawings (in.)

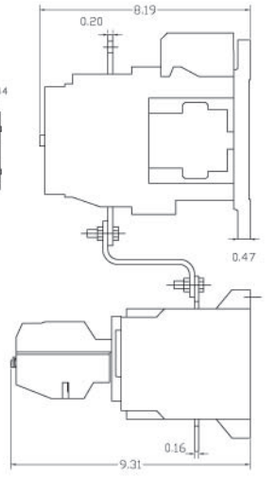
XLS75K, 90K AC/DC Operated



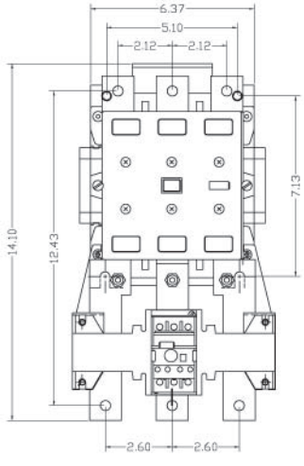


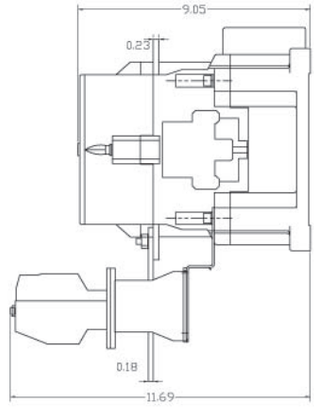
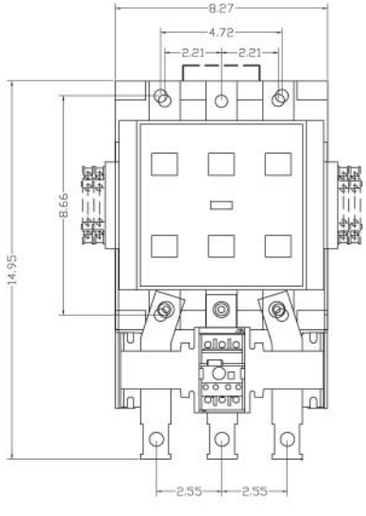
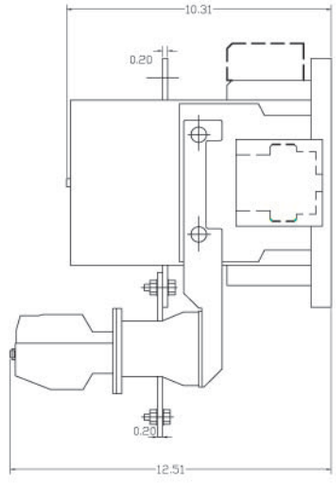
XLS110K, 132K, 160K AC/DC Operated





XLS220K, 280K, AC/DC Operated





XLS375K AC/DC Operated