



# Accessories

## Starter Mounting Base (for CK contactors)

For use with overload requiring jumpers.



For Use With	Overload <sup>1</sup>	Catalog No.	Weight
150 and 250 hp Contactors (CK09, CK95)	RT4 RT4L	CKXB01	4.5 lb.

## Overload Jumpers (for CK contactors)



Straps and Bracket for RT5

Overload jumpers allow an overload to be mounted to a contactor. Each catalog number represents a set of three overload jumpers (not required for CK75C, CK08C).

For Use With	Overload	Packing Quantity (No. Per Set)	Catalog No.	Weight
150-250 hp contactors (CK09, CK95) 2 jumpers required per phase above 192 amps.	RT4	3	CKXJ02	1 lb. 9 oz.
200-400 hp contactors (CK10, CK11)	RT5	3	CKXJ10	2 lb. 9 oz.
500 hp contactors (CK12)	RT5	3	CKXJ11	2 lb. 9 oz.

CKXJ02 consists of three insulated bus bar straps. Overloads and contactors are panel mounted.

CKXJ10 and CKXJ11 consist of three insulated bus bar straps, mounting brackets and mounting bracket hardware.

Contactors and overload relays supplied with terminal hardware.

## Reversing Starter Wiring Kits (for CL contactors)

These kits provide interconnecting power wires for main power poles for assembly of reversing contactors.



For Use With	Reversing Wiring Kit Catalog No.
5-10 hp contactors (CL00, CL01, CL02)	CLXC01
15 hp contactor (CL25)	CLXC11
20 hp contactor (CL04)	CLXC21
25 hp contactor (CL45)	CLXC31
30-50 hp contactors (CL06, CL07, CL08)	CLXC41
60-75 hp contactors (CL09, CL10)	CLXC51

## Reversing Contactor and Starter Selection Guide (for CK contactors)

Connection set for main poles of two (3-pole) contactors that are side-by-side mounted for wiring as reversing starting.

For Use With	Component Kits and Lugs	Reversing Contactor	Reversing Starter with RT3 Overload	Reversing Starter with RT4 Overload	Reversing Starter with RT5 Overload
CK75C CK08C	Bus Bar	CKXC04	CKXC04	—	—
	Overload Jumper Straps	—	—	—	—
	(3) Line Lugs (optional)	CKX03	CKX03	—	—
	(3) Load Lugs (optional)	CKX03	CKX03	—	—
	Mechanical Interlock	BEKH	BEKH	—	—
CK09B CK95B	Bus Bar	CKXC01	—	CKXC01	—
	Overload Jumper Straps	—	—	CKXJ02 (A)	—
	(3) Line Lugs (optional)	CKX02	—	CKX02 (A)	—
	(3) Load Lugs (optional)	CKX02	—	CKX02 (A)	—
	Mechanical Interlock	BEKH	—	BEKH	—
CK10C CK11C	Bus Bar	CKXC10	—	—	CKXC10
	Overload Jumper Straps	—	—	—	CKXJ10
	(3) Line Lugs (optional)	CKX01	—	—	CKX01
	(3) Load Lugs (optional)	CKX01	—	—	CKX01
	Mechanical Interlock	BEKH	—	—	BEKH
CK12B	Bus Bar	CKXC11	—	—	CKXC11
	Overload Jumper Straps	—	—	—	CKXJ11
	(3) Line Lugs (optional)	CKX01	—	—	CKX01
	(3) Load Lugs (optional)	CKX01	—	—	CKX01
	Mechanical Interlock	BEKH	—	—	BEKH

Requires two (2) contactors or two (2) contactors plus overload relay panel mounted to (field supplied) baseplate.

(A) Two (2) kits required for application above 192 amps.

# Accessories

## Reversing Contactor and Starter Selection Guide (for CK contactors)

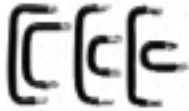


**Bus Bar Kit** - Connection set for main power poles for assembly of reversing contactors

For Use With	Catalog No.	Weight
100-125 hp contactors (CK75C, CK08C)	CKXC04	3 lb.
150-250 hp contactors (CK09B, CK95B)	CKXC01	5 lb.
300-400 hp contactors (CK10C, CK11C)	CKXC10	6 lb.
500 hp contactors (CK12B)	CKXC11	10 lb.

The CKXC01, CKXC04, CKXC10 and CKXC11 are universal reversing contactor and starter bus bar kits consisting of line side and load side insulated bus bars plus six (6) power terminal extenders with bolts and hardware. When assembling reversing starters only three (3) power terminal extenders are required. Three (3) load side terminal extenders are replaced by overload connection straps purchased separately.

## Wye-Delta Wiring Kits (for CL contactors)



Delta Contactor		Wye Contactor	Motor Horsepower - 60 Hz, Three Phase				Wire Kit
M1	M2	S1	200-208	230	460	575	
CL01	CL01	CL00	—	—	15	15	CLXC02
CL02	CL02	CL01	—	—	20	20	CLXC02
CL25	CL25	CL01	—	—	25	25	CLXC12
CL04	CL04	CL04	15	20	40	50	CLXC22
CL06	CL06	CL04	25	30	60	75	CLXC42
CL07	CL07	CL06	30	40	75	100	CLXC43
CL09	CL09	CL07	40	50	100	125	CLXC52
CL10	CL10	CL07	60	60	125	125	CLXC52

Wiring kit consists of incoming terminal block and power wires.

## Wye-Delta Starter Selection Guide (for CK contactors)

For Use With	Compound Kits and Lugs*	With RT3 Overload	With RT4 Overload	With RT5 Overload
CK75C, CK08C	Bus Bar	CKXC05	—	—
	Load Lugs (optional)	CKX03 <sup>(1)</sup>	—	—
	Mechanical Interlock	BEKH	—	—
	Wye-Delta Timer	METV	—	—
CK09B, CK95B	Bus Bar w/OL Straps	—	CKXC03 <sup>(2)</sup>	—
	Load Lugs (optional)	—	CKX02 <sup>(3)</sup>	—
	Mechanical Interlock	—	BEKH	—
	Wye-Delta Timer	—	METV	—
CK10C, CK11C	Bus Bar w/OL Straps	—	—	CKXC13
	Load Lugs (optional)	—	—	CKX01 <sup>(1)</sup>
	Mechanical Interlock	—	—	BEKH
	Wye-Delta Timer	—	—	METV
CK12B	Bus Bar w/OL Straps	—	—	CKXC12
	Load Lugs (optional)	—	—	CKX01 <sup>(1)</sup>
	Mechanical Interlock	—	—	BEKH
	Wye-Delta Timer	—	—	METV

Requires three (3) contactors plus overload relay panel mounted to (field supplied) baseplate.

\* Incoming power feed must be adaptable to bus bar connection.

<sup>(1)</sup>Two (2) kits required.

<sup>(2)</sup>Additional CKXJ02 jumper straps required above 192 amps.

<sup>(3)</sup>Two (2) kits required, four (4) kits required for CK95 and above 218 amps.

## CK Contactor Selection for wye-delta starters

Delta Contactor		Wye Contactor S1	Motor Horsepower - 60 Hz, Three Phase			
M1	M2		200 V	230 V	460 V	575 V
CK75	CK75	CK75	75	75	150	200
CK08	CK08	CK75	75	100	200	250
CK09	CK09	CK09	100	125	250	300
CK95	CK95	CK09	150	200	400	500
CK10	CK10	CK10	250	250	500	700
CK11	CK11	CK10	300	300	600	800
CK12	CK12	CK12	400	400	800	1000



# Accessories

## Wye-Delta Starter Selection Guide (for CK contactors)

### Bus Bar Kit

Connection set for main power poles for assembling Wye-Delta starters. Includes straps for connection to overload relay.

For Use With	Catalog No.	Weight
100-125 hp contactors (CK75C, CK08C with RT3 overload)	CKXC05	5 lb.
150-250 hp contactors (CK09B, CK95B with RT4 overload)	CKXC03	10 lb.
300-400 hp contactors (CK10C, CK11C with RT5 overload)	CKXC13	10 lb.
500 hp contactors (CK12B with RT5 overload)	CKXC12	12 lb.

The CKXC02, CKXC03 and CKXC12 wye-delta bus bar kit consists of three (3) line side (delta), three (3) load side (wye) insulated bus bars, wye-delta contactor shorting bar, three (3) extenders for line connection, three (3) extenders for wye-delta connection and six (6) bolts and hardware. These kits contain overload jumper straps.

Note: When using CK95 contactor above 192 Amps, additional CKJ02 jumper straps are required.

## Electronic Timing Relay

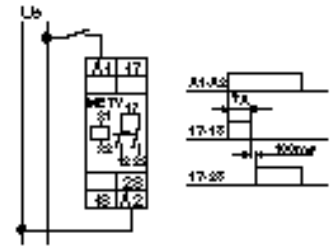
For Use with Wye Delta Starter

To Come from ScanTec

For Use With	Catalog No.	Weight
All CL & CK Wye Delta Starters	METV	4 oz.

Supply Voltage .....19.2-264V AC/DC  
 Frequency ..... .50/60 Hz  
 Consumption ma/va  
 24V ..... .60ma/1.5va  
 240V ..... .12ma/5va  
 Altitude ..... .6500 ft max  
 Operating temperature ..... .0° to 50° C  
 32° to 122° F

Storage .....-10° to +35° C to 14° to 185° F  
 Operating Position .....Any  
 Weight 50 oz.  
 Contact Rating .....B300  
 Time Range (t) ..... .1-60 sec  
 Time Delay (17-18 open to 17-28 closing) ..... .100 ms



## Lugs (for CK contactors)



Connector lugs with anti-turn feature. Suitable for copper wire only. Each lug kit contains three lugs.

For Use With	Wire Size	Catalog No.	Weight
100-125 hp contactors (CK75C, CK08C) w/wo RT3 Overload	6-250 mcm	CKX03	6 oz.
150-250 hp contactors (CK09, CK95) w/wo RT4 Overload	6-350 mcm	CKX02*	6 oz.
300-500 hp contactors (CK10, CK11, CK12) w/wo RT5 Overload	6-500 mcm 2/0-600 mcm (2 wire lug)	CKX01	12 oz.

\* CK95 uses 2 lugs per terminal above 218 Amps.

## Contacts Sets (for CL and CK contactors)



Each set consists of 2 fixed contacts, 1 moving contact, and accessory parts.

For Use With	Packing Quantity (No. Of Contact Sets)	Contacts	Catalog No.	Weight
30 hp contactor (CL05)	4	2NO-2NC	VB1205B	3.5 oz.
30 hp contactor (CL06)	3	NO	V31206B	2.8 oz.
40 hp contactor (CL07)	3	NO	V31207B	3.1 oz.
40 hp contactor (CL07)	4	2NO-2NC	VB1207B	3.8 oz.
50 hp contactor (CL08)	3	NO	V31208B	3.1 oz.
50 hp contactor (CL08)	4	2NO-2NC	VB1208B	3.8 oz.
60 hp contactor (CL09)	3	NO	V31209B	4.2 oz.
75 hp contactor (CL10)	3	NO	V31210B	4.5 oz.
100 hp contactor (CK75C)	3	NO	V31107CA	10.0 oz.
125 hp contactor (CK08C)	3	NO	V31108CA	10.0 oz.
150 hp contactor (CK08B, CK09B)	3	NO	V31109BA	12.7 oz.
250 hp contactor (CK95)	3	NO	V31195BA	14.1 oz.
300 hp contactor (CK10C)	3	NO	V31110CA	2 lb. 1 oz.
400 hp contactor (CK11C)	3	NO	V31111CA	2 lb. 3 oz.
500 hp contactor (CK10B, CK11B, CK12B)	3	NO	V31112BA	3 lb. 1 oz.