



SYNOPSIS OF CONNECTIONS

Y-START ~ DELTA RUN

		L1	L2	L3	SEPARATE PAIRS			TOGETHER
HIGH VOLTAGE	Y-START	T1	T2	T3	T4 - T7	T5 - T8	T6 - T9	T10 T11 T12
	Δ-RUN	T1 - T12	T2 - T10	T3 - T11	T4 - T7	T5 - T8	T6 - T9	
LOW VOLTAGE	Y-START	T1 - T7	T2 - T8	T3 - T9	T4 T10 T5 T11 T6 T12			TOGETHER
	Δ-RUN	T1 T7 T6 T12	T2 T8 T4 T10	T3 T9 T5 T11				

WHERE POWER COMPANY STARTING CURRENT LIMITATIONS WILL PERMIT, DUAL VOLTAGE Y-START-Δ-RUN MOTORS CAN BE USED WITH ACROSS-THE-LINE STARTER AS SHOWN BELOW

ACROSS-THE-LINE STARTING

	L1	L2	L3	SEPARATE PAIRS		
HIGH VOLTAGE	T1 - T12	T2 - T10	T3 - T11	T4 - T7	T5 - T8	T6 - T9
LOW VOLTAGE	T1 T7 T6 T12	T2 T8 T4 T10	T3 T9 T5 T11			

2026

MEI - TOTAL ELEVATOR SOLUTIONS

THE IMPERIAL
ELECTRIC CO,
AKRON- OHIO

CONNECTION DIAGRAM
3 PHASE DUAL VOLTAGE INDUCTION
MOTOR - STAR START - DELTA RUN, OR
ACROSS - THE - LINE START

C.D.3012