

**SINGLE PHASE**

MODEL	HP	MOTOR MFR.	MOTOR PT. NO.	DIAGRAM
TE-MDX	1/15	BALDOR	0135-0148-1100	A
TE-MDX(XP)	1/20	MAC	0135-0132-1000	A
TE-5	1/5	BALDOR	0150-0090-1300	A
TE-5(XP)	1/4	MAC	0150-0089-1000	A
	1/4	BALDOR	0150-0089-1100	G
TE-5.5	1/3	MARATHON	0151-0015-1200	D
	1/3	BALDOR	0151-0015-1300	A
	1/3	WEG	0151-0015-1400	K
	1/5	EMERSON/US MTRS	0175-0087-1000	N
TE-5.5(XP)	1/3	BALDOR	0151-0023-1100	G
TE-6	1/2	MARATHON	0153-0019-1100	B
	1/2	WEG	0153-0019-1400	M*
TE-6(XP)	1	MARATHON	0155-0059-1100	B
TE-7	3/4	MARATHON	0155-0016-1000	B
	3/4	WEG	0155-0016-1400	K
	1	MARATHON	0155-0173-1000	B
	1	WEG	0155-0173-1200	K
TE-7(XP)	1	MARATHON	0155-0059-1100	C
SP-TE-7	1	MARATHON	0155-0185-1000	B
TE-7	3	MARATHON	0155-0101-1000	H

\*1 PHASE MOTOR WITHOUT OVERLOAD PROTECTION

**THREE PHASE**

MODEL	HP	MOTOR MFR.	MOTOR PT. NO.	DIAGRAM
TE-5.5	1/3	MARATHON	0151-0039-1100	F
	1/3	WEG	0151-0039-1300	F
TE-5.5(XP)	1/3	MARATHON	0151-0042-1100	F
TE-6	1/2	MARATHON	0153-0020-1100	F
	1/2	WEG	0153-0020-1500	F
TE-6(XP)	1	MARATHON	0155-0060-1100	E*
TE-7	3/4	MARATHON	0155-0022-1000	F
	3/4	WEG	0155-0022-1500	F
	1	MARATHON	0155-0174-1000	F
	1	WEG	0155-0174-1200	F
	1.5	MARATHON	0155-0103-1000	F
TE-7(XP)	1	MARATHON	0155-0060-1100	E*
TE-7(XP)	1.5	MARATHON	0155-0104-1000	F
SP-TE-7	1	MARATHON	0155-0186-1000	F
TE-7.5	2	MARATHON	0156-0008-1000	F
	2	WEG	0156-0008-1100	F
TE-7.5(XP)	2	MARATHON	0156-0021-1000	F
TE-8C	3	EMERSON/US MTRS	0157-0012-1200	F
	3	WEG	0157-0012-1400	F
TE-8C(XP)	5	MARATHON	0157-0042-1100	F
TE-8S	5	MARATHON	0157-0065-1000	F
TE-8S(XP)	5	MARATHON	0157-0042-1100	F
TE-10	10	EMERSON/US MTRS	0161-0012-1200	F
	10	WEG	0161-0012-1300	J
TE-10(XP)	15	MARATHON	0161-0026-1000	F

\*3 PHASE MOTOR WITH OVERLOAD PROTECTION

A		
	115V	230V
LINE	4	4
LINE	1,3,8	1
INSUL.	2,J,5	2,3,8
INSUL.		J,5

B		
	115V	230V
LINE	P1	P1
LINE	T2 WHITE T4 YELLOW T5 BLACK	T4 YELLOW T5 BLACK
INS.		P2
INS.	P2 T3 ORANGE T8 RED	T2 WHITE T3 ORANGE T8 RED

C		
	115V	230V
LINE	RED BROWN BLK/WHT	BROWN BLK/WHT
LINE	BLUE	BLUE
INS.		BLACK
INS.	BLACK YELLOW WHITE	RED YELLOW WHITE

D		
	115V	230V
LINE	P1	P1
LINE	BLACK WHITE YELLOW	YELLOW
INS.	BLUE T1	BLUE T1 RED
INS.	RED P2 ORANGE	P2
INS.		ORANGE BLACK WHITE

E		
	230V	460V
LINE	T1,T7	T1
LINE	T2,T8	T2
LINE	T3,T9	T3
TOG.	T4,P4	T4,T7
TOG.	T5,P5	T5,T8
TOG.	T6,P6	T6,T9
ALONE		P4
ALONE		P5
ALONE		P6

F		
	230V	460V
LINE	T1,T7	T1
LINE	T2,T8	T2
LINE	T3,T9	T3
TOG.	T4,T5,T6	
TOG.		T4,T7
TOG.		T5,T8
TOG.		T6,T9

G		
115V	230V	
LINE	1,3,8 (BLU,ORG,RED)	1 (BLU)
LINE	2,4,5 (WHT,YEL,BLK)	4,5 (YEL,BLK)
TOG.		2,3,8 (WHT,ORG,RED)

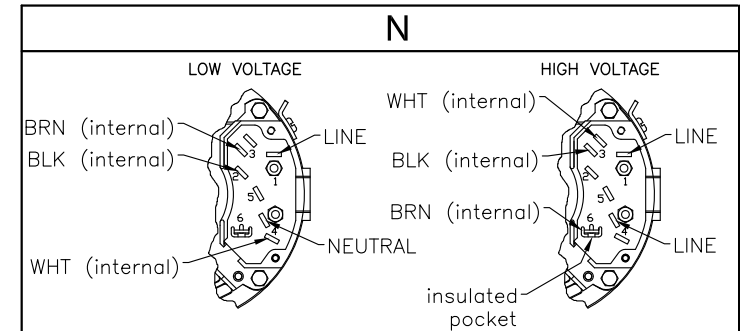
H		
	115V	230V
LINE	T1,T3,T5	T1
LINE	T2,T4,T8	T4,T8
INS.		T2,T3,T5

J		
	230V	460V
LINE	T1,T7,T6	T1
LINE	T2,T8,T4	T2
LINE	T3,T9,T5	T3
TOG.		T4,T7
TOG.		T5,T8
TOG.		T6,T9

K		
	115V	230V
L1	T1 (BLUE) T3 (ORANGE)	T1 (BLUE)
L2	T4 (YELLOW)	T4 (YELLOW)
INSUL.		7P2 (BROWN)
INSUL.	T2 (WHITE) 7P2 (BROWN)	T2 (WHITE) T3 (ORANGE)

L		
	230V	460V
L1	U1,U3	U1
L2	V1,V3	V1
L3	W1,W3	W1
TOG.	U2,V2,W2	
TOG.		U2,U3
TOG.		V2,V3
TOG.		W2,W3

M		
	230V	460V
LINE	T1,T3 (BLUE, ORA.)	T1 (BLUE)
LINE	T2,T4 (WHITE, YEL.)	T4 (YEL.)
TOG.		T2,T3 (WHITE, ORA.)



NOTE:  
THESE WIRING DIAGRAMS ARE KEPT UP DATE TO THE BEST ABILITY BY MARCH, HOWEVER MOTOR VENDORS MAY CHANGE DIAGRAMS WITHOUT NOTIFICATION.  
FOR ANY DISCREPANCY BETWEEN WHAT IS WRITTEN ON THE MOTOR ITSELF AND ON THE WIRING DIAGRAM ON THIS CHART, ONE SHOULD FOLLOW THE INSTRUCTIONS ON THE ACTUAL MOTOR.

**MARCH MFG. INC.**

1819 PICKWICK AVE. GLENVIEW, ILLINOIS

DRAWN BY <b>JERRY</b>	CHKD BY <b>HANS</b>	FINISH	DRWG SIZE <b>B-11x17</b>
DATE <b>01/24/07</b>	DATE <b>01/24/07</b>	MOLD NO.	TOOL NO.
		FIXTURE NO.	

UNLESS NOTED OTHERWISE ALL DIMS. ARE IN INCHES.

DIMS. TOL.  
0.000 ±0.005  
0.00 ±0.03  
FRACTIONS ±1/64  
ANGLES ±1'

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PART NAME **Wiring Diagrams for (1) Phase and (3) Phase Motors**

REV.	INITIALS	DATE	E.C.O.	CHANGE
CUSTOMER MATERIAL				
PART NO.	<b>0750</b>			REV. <b>2</b>