

PRODUCT INFORMATION PACKET



Model No: LM34458

Catalog No: LM34458

LM34458..75/60HP..1800/1500RPM.405TDVZ.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15/1.0SF.R
OUND.....

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Nameplate Specifications

Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1782 & 1482 rpm	Service Factor	1.15 & 1.0
Frame	405TDVZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	172/86 & 200/100 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.069 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS551683LN-1675	Connection Drawing	EE7308BZ

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T12(W4) _____
 T1(U1) _____
 T6(W2) _____
 T7(U3) _____

LINE 1

T2(V1) _____
 T4(U2) _____
 T8(V3) _____
 T10(U4) _____

LINE 2

T3(W1) _____
 T5(V2) _____
 T9(W3) _____
 T11(V4) _____

LINE 3

LOW VOLTAGE

T12(W4) _____
 T1(U1) _____

LINE 1

T4(U2) _____
 T7(U3) _____

T2(V1) _____
 T10(U4) _____

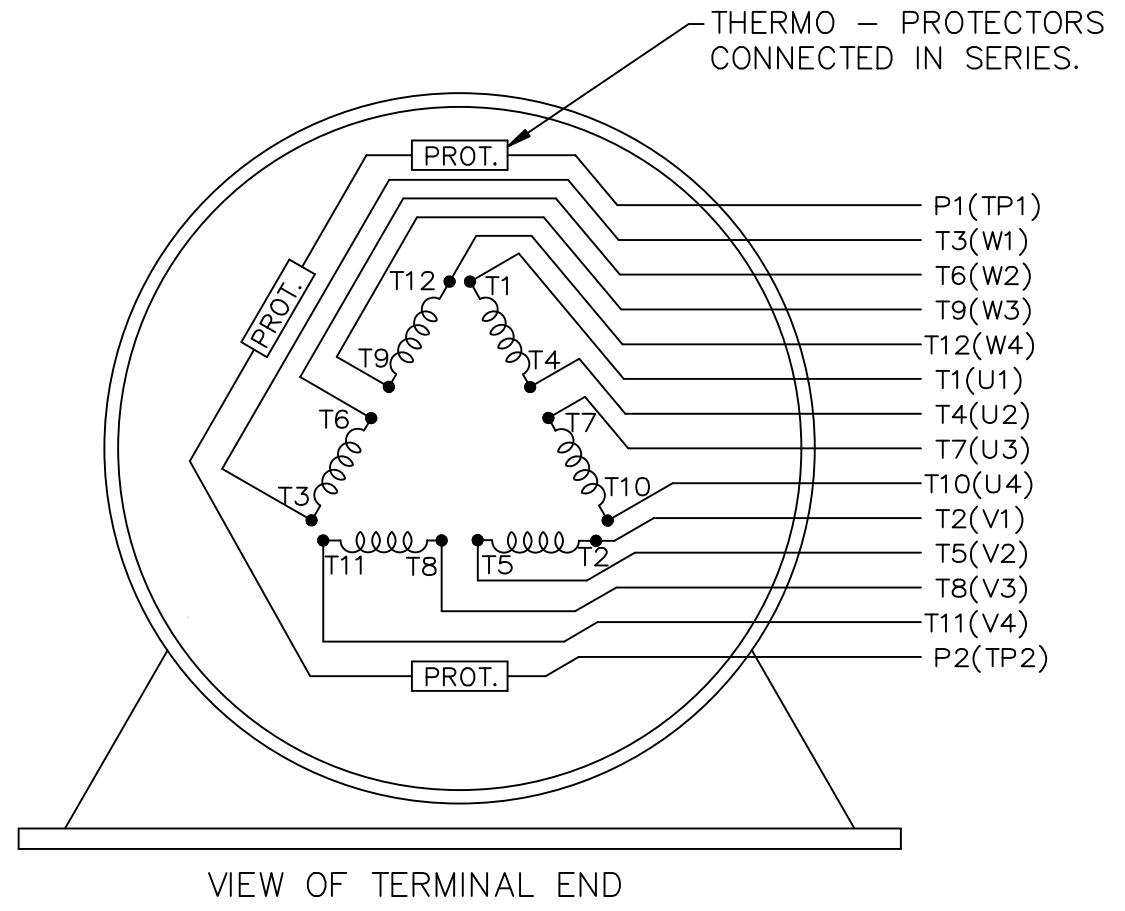
LINE 2

T5(V2) _____
 T8(V3) _____

T3(W1) _____
 T11(V4) _____

LINE 3

T6(W2) _____
 T9(W3) _____

HIGH VOLTAGE

			TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN SMC 05-10-1991			
			DEC.	INCHES		CHK	TB	05-10-1991	
			.X	±.1		APPD	ML	05-10-1991	
			.XX	±.02	TITLE 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS		SCALE		
2	ADDED IEC DESIGNATIONS MU84825	JJB 05/13/2008	ML	.XXX ±.005			REF		
1	NEW DRAWING	SMC 05-10-1991		.XXXX ±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	FINISH	PREV		
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