

# PRODUCT INFORMATION PACKET



Model No: 851145.00

Catalog No: 851145.00

851145.00..3.0/2.0HP..3480/2920RPM.182JM.EPFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.RIG  
ID.....

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## Nameplate Specifications

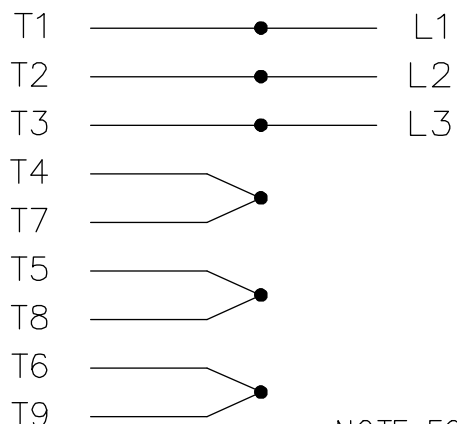
Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	3525 & 2935 rpm	Service Factor	1.15 & 1.15
Frame	182JM	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	87.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.4-7.6/3.8 & 6.4/3.2 A	Power Factor	85
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B

## Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.56 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Assembly/Box Mounting	F1 ONLY
Outline Drawing	NONE	Connection Drawing	EE7308T-LE

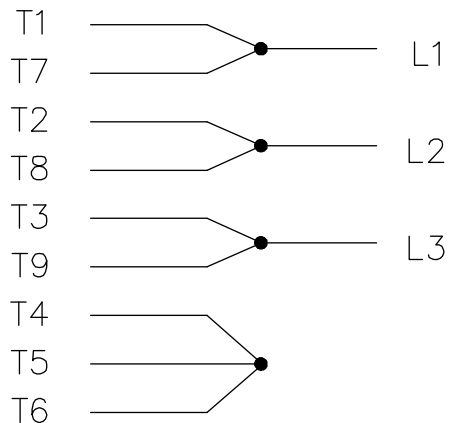
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# HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST FOR COMMON CONNECT:  
HIGH VOLT: CONNECT P1 TO T1  
THEN P2 TO L1  
LOW VOLT: CONNECT P1 TO T1 & T7,  
THEN P2 TO L1

# LOW VOLTAGE

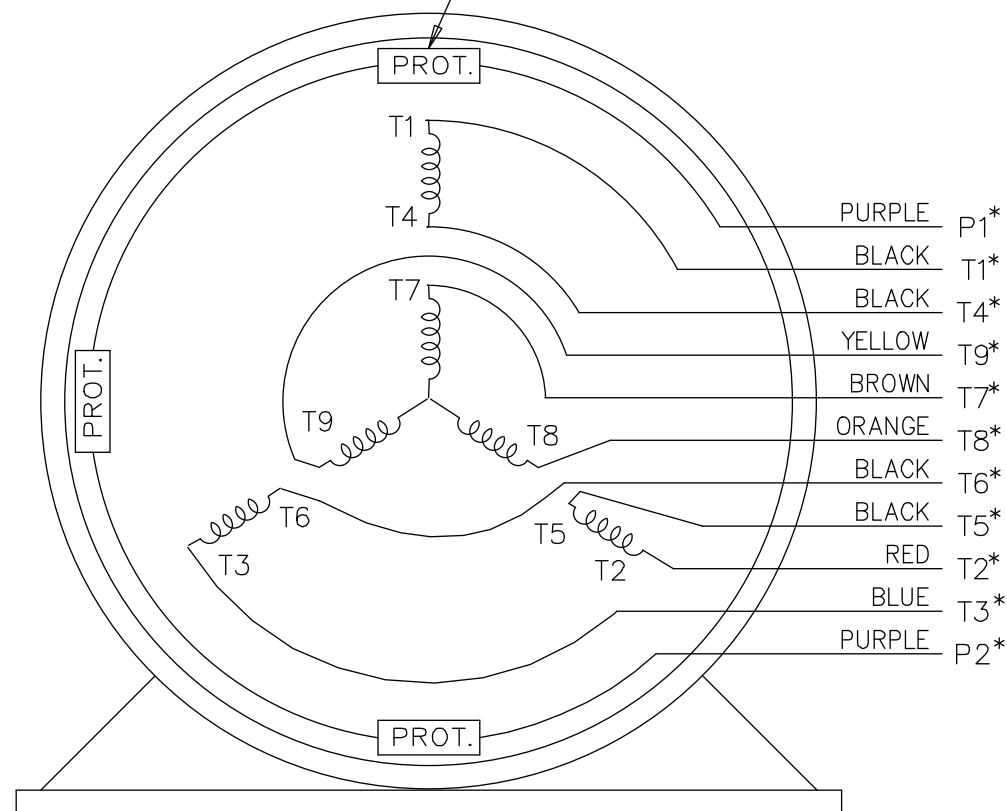


\* USE LEADS AS PER PLANT STANDARD IRRWSPECTIVE OF THEIR COLOUR.


# THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LE

THREMO-PROTECTORS  
CONNECTED IN SERIES.



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJB 05-07-2002			
05	ADDED * NOTE PER ECN # 26921	UD 01-30-2013	JD	DEC.	INCHES		CHK ML 05-08-2002			
04	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML	.X	±.1		APPD TB 05-08-2002			
03	RE-ISSUE	NJS 04-21-2004	JET	.XX	±.02		SCALE 1=1			
02	REDRAWN	TAT 04-20-2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM 3 PHASE – DUAL VOLTAGE MOTOR	REF			
01	NEW DRAWING CN 34708	TJB 05-08-2002	ML	.XXXX	±.0005		MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP			CAD FILE EE7308T_LE	SIZE	DRAWING NO.	PAGE OF	REV.
			DIST LB-WP-LE				A	EE7308T-LE		05