

PRODUCT INFORMATION PACKET



Model No: 825453.00

Catalog No: 825453.00

825453.00..15HP..3600RPM.254TCZ.EPFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

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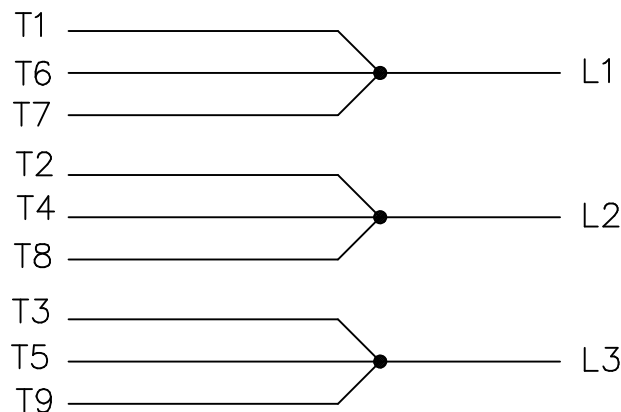
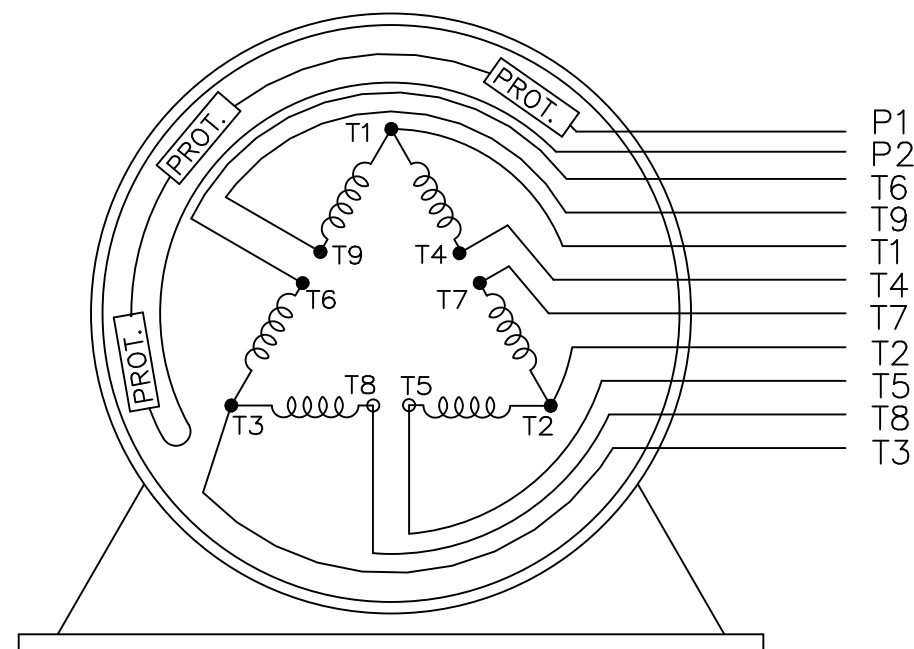
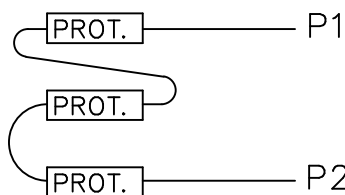
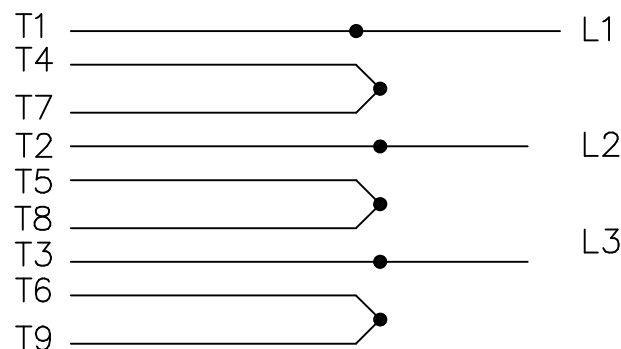


Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	3550 & 2955 rpm	Service Factor	1.15 & 1.15
Frame	254TCZ	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	91.7 & 92 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	35/17.5 & 29/14.5 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.603 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	B-SS208464-1050	Connection Drawing	A-EE7308AD-LE

LOW VOLTAGEHIGH VOLTAGEVIEW OF TERMINAL END

WHEN MORE THAN ONE PROT. IS USED; PROT. ARE CONNECTED IN SERIES

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN NJS 05-15-2002				
				DEC.	INCHES				CHK	ML	05-20-2002		
				.X	±.1				APPD	TB	05-20-2002		
				.XX	±.02				TITLE CONNECTION DIAGRAM 3ø – WITH PROTECTORS				SCALE
2	HIGH VOLT. SCHEMATIC WAS L1, L3, & L3	CN 32724	DRS 06-12-2004	ML	.XXX	±.005	REF						
1	NEW DRAWING	CN 35132	NJS 05-20-2002	TB	.XXXX	±.0005	MAT'L.				FMF		
NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH				PREV		
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