

# PRODUCT INFORMATION PACKET



Model No: 811758.00

Catalog No: 811758.00

811758.00..100HP..1800RPM.405T.TEFC.230/460-190/380V.3PH.60/50HZ.CONT.40C.1.15SF.RIGID.....

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## Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	230/460 & 190/380 V
Speed	1780 & 1482 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	226/113 & 208/104 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	NU316	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 Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.051 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 2:1		
Outline Drawing	SS550644-1675	Connection Drawing	A-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) \_\_\_\_\_

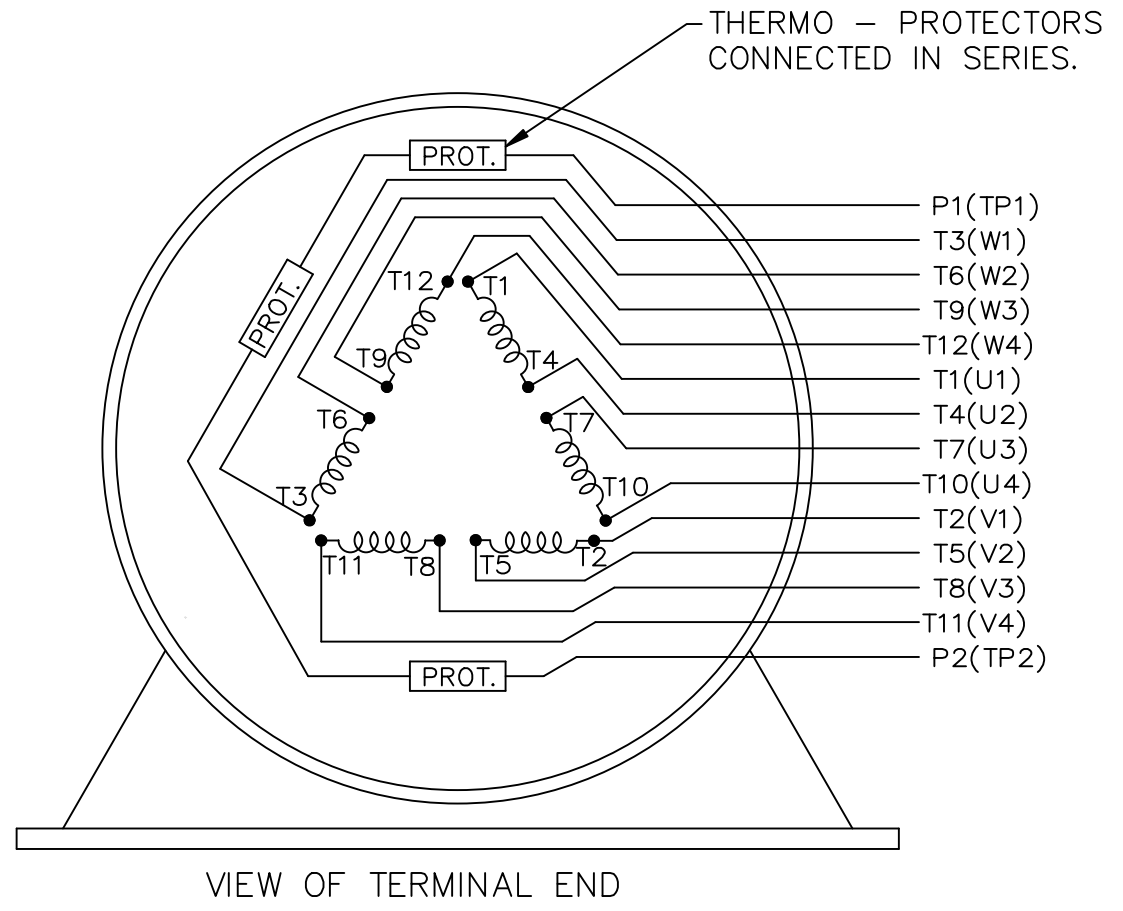
LINE 2


T5(V2) \_\_\_\_\_  
 T8(V3) \_\_\_\_\_

T3(W1) \_\_\_\_\_  
 T11(V4) \_\_\_\_\_

LINE 3

T6(W2) \_\_\_\_\_  
 T9(W3) \_\_\_\_\_

HIGH VOLTAGE

			TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>	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	ADDED IEC DESIGNATIONS MU84825	JJB 05/13/2008	ML	.XXX	±.005	2/1 DELTA - 12 LEADS			
1	NEW DRAWING	SMC 05-10-1991		.XXXX	±.0005	MAT'L.			
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	FINISH			
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