

# PRODUCT INFORMATION PACKET



Model No: LM62050

Catalog No: LM62050

..75HP..1800RPM.365TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....

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## Nameplate Specifications

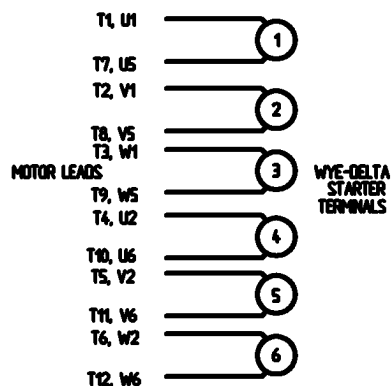
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1785 & 1487 rpm	Service Factor	1.15 & 1.15
Frame	365TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.8 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	182-171/85.5 & 162/81 A	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

## Technical Specifications

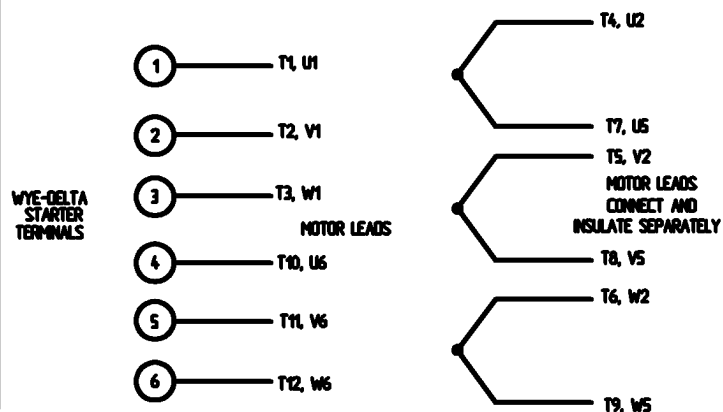
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.051 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS622047	Connection Drawing	004172.03

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## HIGH VOLTAGE CONNECTION



**WYE-DELTA  
STARTER  
TERMINALS**



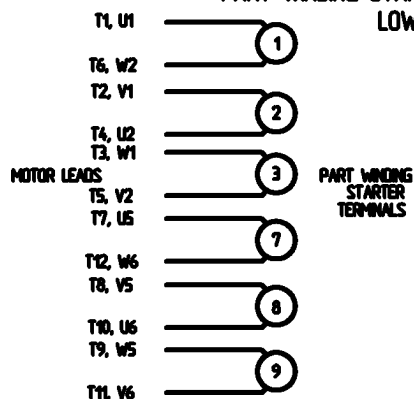
### WYE-DELTA STARTER TERMINALS

## MOTOR LEADS

**MOTOR LEADS  
CONNECT AND  
INSULATE SEPARATELY**

REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR  
PROPER CONNECTION OF POWER LINES TO STARTER.

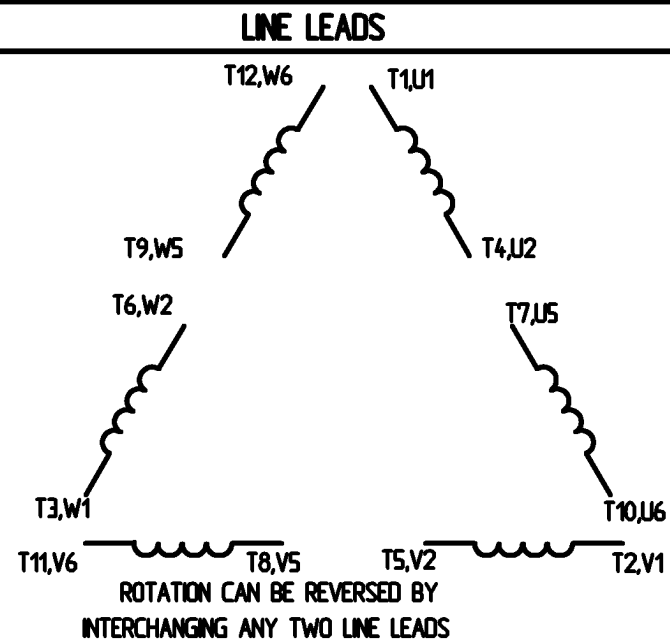
**PART WINDING START USABLE ON 4 & 6 POLE MOTORS  
LOW VOLTAGE CONNECTION ONLY**



### PART WINDING STARTER TERMINALS

REFER TO THE PART WINDING  
STARTER INSTRUCTIONS FOR PROPER  
CONNECTION OF POWER LINES TO STARTER.

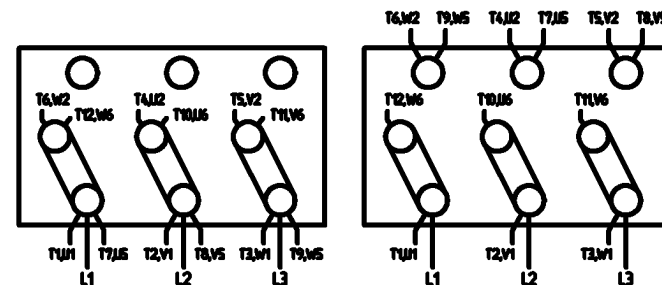
REFER TO THE CUTLER - HAMMER OR EQUIV. FOR  
PROPER SELECTION OF OVERLOAD HEATER COILS.

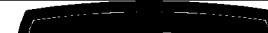


**12 LEAD DELTA CONNECTION ACROSS THE LINE START  
(FOR Y START DELTA RUN REMOVE THE JIMPER)**

**LOW VOLTAGE  
MUST BE REWIRED  
AS SHOWN**

**HIGH VOLTAGE**  
**FACTORY WIRED FOR HIGH**  
**VOLTAGE AS SHOWN**



				TOLERANCES UNLESS SPECIFIED		 <b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN <b>CW 08/28/02</b>			
				DEC.	INCHES		CHK			
				X	± .1		APPO			
				XX	± .01		TITLE <b>DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS</b>			
				XXX	± .005		SCALE <b>1=1</b>			
				XXXX	± .0005	REF				
						MAT'L				
						FMF				
NO.	REVISION	BY & DATE	CHK	ANG	± 1/2°	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 <b>00417203</b>		SIZE	DRAWING NO.	REV.
				DIST				<b>A</b>	<b>004172-03</b>	

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

/CB  
-dictionary-  
/Pscript\_WinNT\_Compat  
-dictionary-