

PRODUCT INFORMATION PACKET

Model No: 447THDN16048
Catalog No: 447THDN16048
300,1800,DPFV,447T,3/60/460

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Nameplate Specifications

| | | | |
|------------------------|-------------------|----------------------------|-----------------|
| Output HP | 300 Hp | Output KW | 224.0 kW |
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 332.0 A | Speed | 1780 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 95.8 % | Power Factor | 88 |
| Duty | Continuous | Insulation Class | H |
| Design Code | INV | KVA Code | F |
| Frame | 447T | Enclosure | DPFV |
| Thermal Protection | Thermostat | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6319 | Opp Drive End Bearing Size | 6314 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 12 |
| Number of Speeds | 1 | | |

Technical Specifications

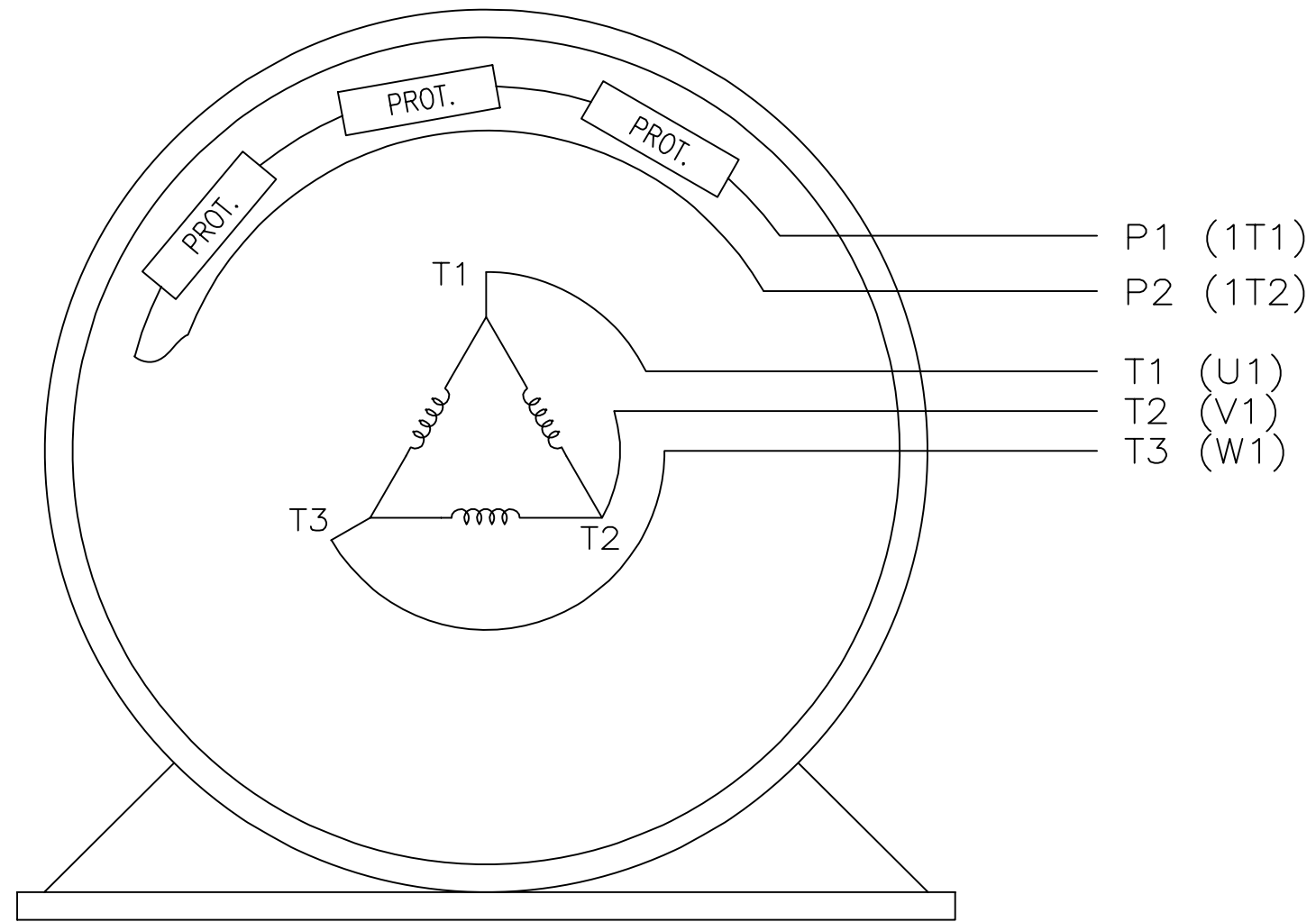
| | | | |
|-----------------------|------------------------------------|-----------------------|----------------------|
| Electrical Type | Squirrel Cage Inverter Duty | Starting Method | Inverter Only |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .017 Ohms | Mounting | Rigid Base |
| Motor 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 2000:1 | | |
| Outline Drawing | SS554720A-2438 | Connection Drawing | EE7300S |

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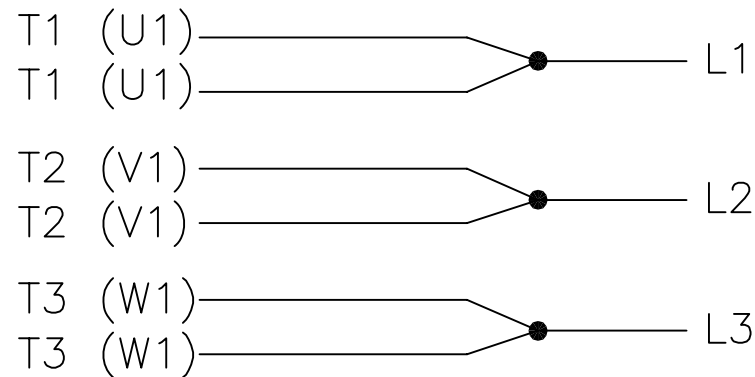
EE7300S

THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

| NO. | REVISION | BY & DATE | CHK | TOLERANCES UNLESS SPECIFIED | | | DRAWN | PAGE | OF | REV. | | |
|--|-------------------------------------|----------------|-----|-----------------------------|------------------|---|-------|----------------|-------------|------|----|------|
| | | | | DEC. | INCHES | | | | | | | |
| F | UPDATED TITLE BLOCK | HV 02-27-2014 | EWB | .X | ± | - | KL | 12-15-1999 | | | | |
| 3 | REMOVED "N.C." FROM PROT.'S MU61770 | JJB 08-02-2010 | | .XX | ± | - | CHK | DJK 12-15-1999 | | | | |
| 2 | ADDED IEC MARKINGS MU61770 | KL 09-16-2004 | EAB | .XXX | ± | - | APPD | DJK 12-15-1999 | | | | |
| 1 | NEW DRAWING | KL 12-16-1999 | | .XXXX | ± | - | | | SCALE | 1=1 | | |
| | | | | | | | | | REF | | | |
| | | | | | | | | | FMP | | | |
| | | | | | | | | | PREV | | | |
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| | | | | DIST | WA-LB-SB | | | A | EE7300S | | | F |

