

## AEA4440YXA Compressor Data Sheet

### Drawing Information

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### General Information

Compressor Model	AEA4440YXA	Oil Charge (cc)	303
Bill Of Material	AE630AT-603-A2	Oil Type	POE
Application	HIGH	Heat Pump (Evap range)	N/A
Evaporating Range	+20F to +55F	Displacement	0.735
Rating Conditions	ARI	BTUH	3960
Rating Point	+45F	Horse Power	1/3
Refrigerant	R-134A	Discharge Line Size	0.25
Frequency	60	Suction Line Size	0.3125

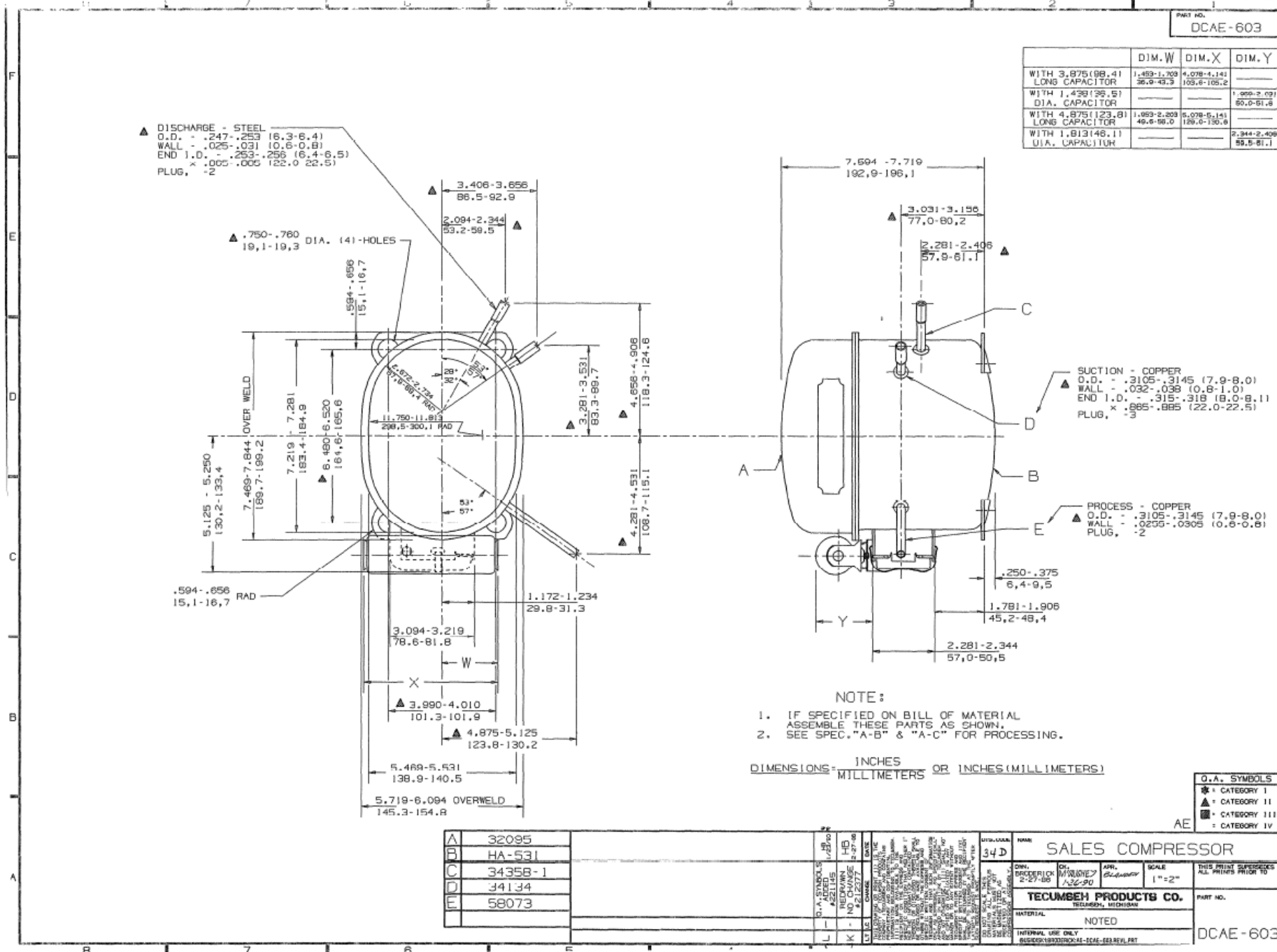
### Electrical Information

Voltage ( 60 Hz )	115-60-1	Voltage Range ( 60 Hz )	103.5 - 126.5
Voltage ( 50 Hz )	100-50-1	Voltage Range ( 50 Hz )	90 - 110
Rating Voltage	115-60-1	RLA	7.2
LRA	32.7	Motor Type	CSIR
Start Capacitor Mfd/Volt	145-175/110	Run Capacitor Mfd/Volt	N/R
Power	620	Phase	1
Maximum Continuous Current	8.9	Energy Efficiency Rating	6.39

### Component Information

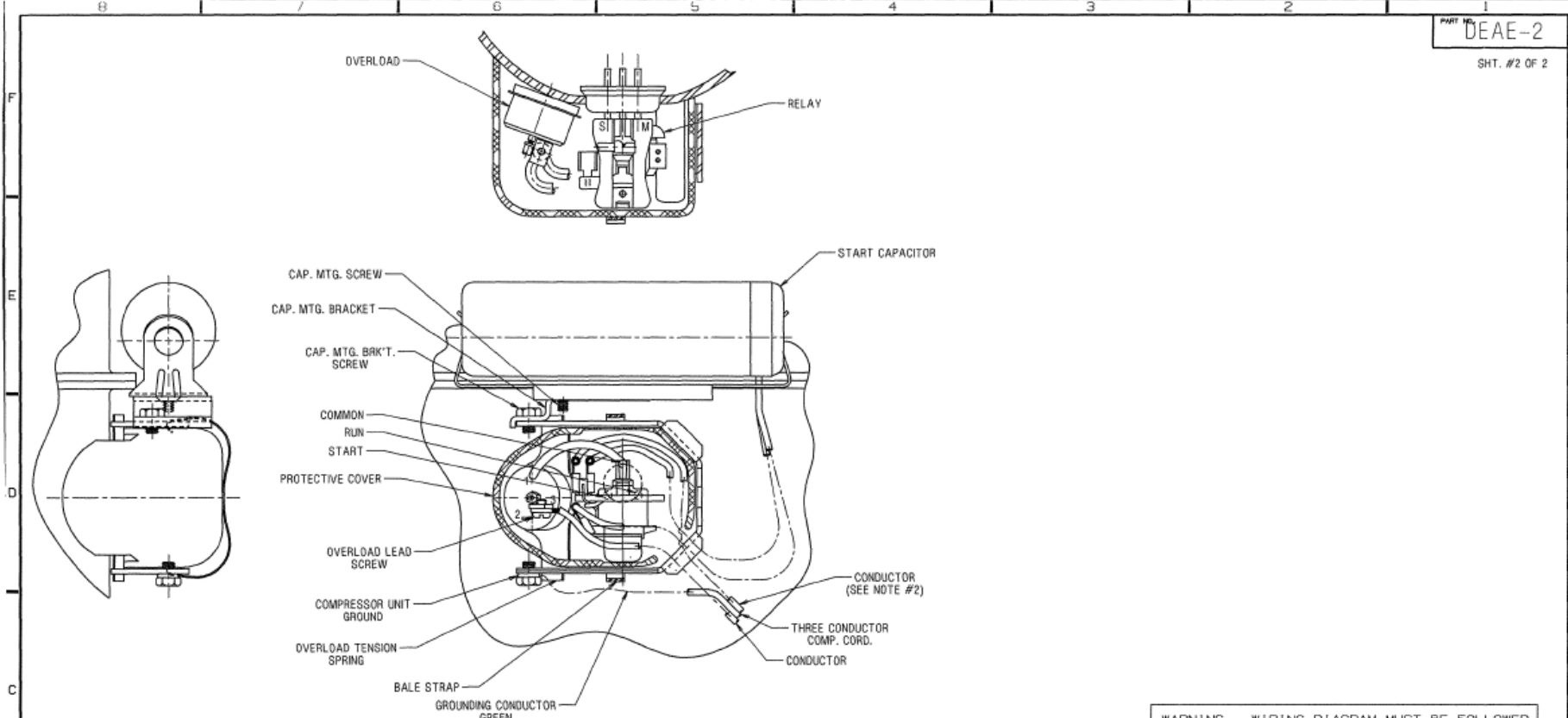
Relay Box	NONE	Integral Relay Box	NONE
Capacitor Cabinet Assembly	NONE	Start Capacitor	NONE
Production Run Capacitor	NONE	Crankcase Heater	NONE
Primary Relay	NONE	Primary Vendor Number	NONE
Secondary Relay	NONE	Secondary Vendor Number	NONE
Vendor Over Load	NONE	Fan Over Load	NONE
Terminal Cover	NONE	Cover Gasket	NONE
Bale Strap	NONE	Over Load Spring	NONE
PRV	NONE	LP Kit	N/A
Grommet	70711	Roto Lock Gasket	NONE
Sleeve	70459	Roto Lock Valve	NONE

# Housing Diagram



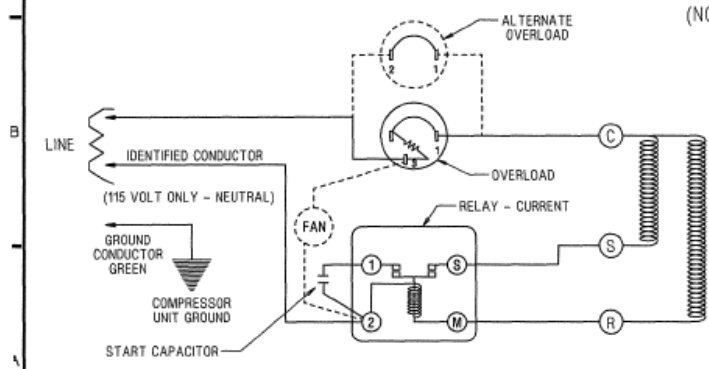
# Wiring Diagram

PART NO. DEAE-2  
SHT. #2 OF 2



G.E. RELAY W/ SPADES SHOWN

WARNING - WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.



115 OR 230 VOLT - SCHEMATIC WIRING DIAGRAM - CSIR  
REF. DWG. MD-472-1

- NOTE
1. WHEN FAN IS USED HOOKUP AS SHOWN.
  2. IDENTIFIED CONDUCTOR MAYBE WHITE OR RIBBED (115 VOLT ONLY - NEUTRAL).
  3. ASSEMBLE PARTS AS SHOWN IF SPECIFIED ON B/M.

AE-115 OR 230 VOLT-CSIR-CURRENT RELAY-HORIZ. COVER-OVERLOAD LEFT  
AE

REL	DATE	BY	CHKD	APP.	SCALE	PART NO.
#223678					1=1	DEAE-2
DIV. CODE NAME 345M ELECTRICAL HOOK - UP						THIS PRINT SUPERSEDES ALL PRINTS PRIOR TO
MATERIAL NOTED						
INTERNAL USE ONLY SUGGESTED PRICE: AE-2442-22 552 963 937						SHT. #2 OF 2