

# ABB BALDOR RELIANCE III

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## Customer information packet

PSC3416A

.33HP, 1625RPM, 1PH, 60HZ, 48Z, 3414C, TEAO, F1

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEAO
<b>Frame</b>	48Z
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Oil Capacitor Start and Run
<b>Output @ Frequency</b>	.330 HP @ 60 HZ
<b>Phase</b>	1
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	115.0 V @ 60 HZ 230.0 V @ 60 HZ
<b>Agency Approvals</b>	UR CSA
<b>Ambient Temperature</b>	40 °C
<b>Auxiliary Box</b>	NO AUXILLARY BOX
<b>Auxiliary Box Lead Termination</b>	None
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Blower</b>	None
<b>Current @ Voltage</b>	1.800 A @ 230.0 V 3.600 A @ 115.0 V
<b>Design Code</b>	N
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	62.0 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Face Code</b>	Terminal Panel
<b>Front Shaft Indicator</b>	None
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	1.8 a

**Part Detail**

<b>Revision</b>	S
<b>Type</b>	AC
<b>Mech. spec.</b>	34G144
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	34WGW426
<b>Layout</b>	34LYG144
<b>Eff. date</b>	04-30-2025
<b>CD Diagram</b>	CD0028
<b>Poles</b>	04
<b>Leads</b>	7#18
<b>Proprietary</b>	False
<b>Created date</b>	01-01-0001

<b>Insulation Class</b>	<b>B</b>
<b>Inverter Code</b>	<b>Not Inverter</b>
<b>KVA Code</b>	<b>-</b>
<b>Lifting Lugs</b>	<b>No Lifting Lugs</b>
<b>Locked Bearing Indicator</b>	<b>No Locked Bearing</b>
<b>Motor Lead Exit</b>	<b>Terminal Panel Or Lead Hole</b>
<b>Motor Lead Quantity/Wire Size</b>	<b>7 @ 18 AWG</b>
<b>Motor Lead Termination</b>	<b>Flying Leads</b>
<b>Motor Standards</b>	<b>NEMA</b>
<b>Motor Type</b>	<b>3414C</b>
<b>Mounting Arrangement</b>	<b>F1</b>
<b>Number of Poles</b>	<b>4</b>
<b>Overall Length</b>	<b>11.34 IN</b>
<b>Power Factor</b>	<b>95</b>
<b>Product Family</b>	<b>General Purpose</b>
<b>Pulley End Bearing Type</b>	<b>Ball</b>
<b>Pulley Face Code</b>	<b>Standard</b>
<b>Pulley Shaft Indicator</b>	<b>Standard</b>
<b>Rodent Screen</b>	<b>None</b>
<b>Service Factor</b>	<b>1.00</b>
<b>Shaft Diameter</b>	<b>0.500 IN</b>
<b>Shaft Extension Location</b>	<b>Pulley End</b>
<b>Shaft Ground Indicator</b>	<b>No Shaft Grounding</b>
<b>Shaft Rotation</b>	<b>Reversible</b>
<b>Shaft Slinger Indicator</b>	<b>No Slinger</b>
<b>Speed</b>	<b>1625 rpm</b>
<b>Speed Code</b>	<b>Single Speed</b>
<b>Starting Method</b>	<b>Direct on line</b>
<b>Thermal Device - Bearing</b>	<b>None</b>
<b>Thermal Device - Winding</b>	<b>None</b>
<b>Vibration Sensor Indicator</b>	<b>No Vibration Sensor</b>
<b>Winding Thermal 1</b>	<b>Automatic Thermal Overload</b>
<b>Winding Thermal 1 Location</b>	<b>SB</b>

**Nameplate**

<b>NP1257L</b>	
<b>CAT.NO.</b>	PSC3416A
<b>SPEC.</b>	34G144W426
<b>HP</b>	.33 AIR OVER
<b>VOLTS</b>	115/230
<b>AMP</b>	3.6/1.8
<b>RPM</b>	1625
<b>FRAME</b>	48Z <b>HZ</b> 60 <b>PH</b> 1
<b>SER.F.</b>	1.00 <b>CODE</b> - <b>DES</b> N <b>CL</b> B
<b>NEMA-NOM-EFF</b>	62 <b>PF</b> 95
<b>RATING</b>	40C AMB-CONT
<b>CC</b>	
<b>DE</b>	6203 <b>ODE</b> 6203
<b>ENCL</b>	TEAO <b>SN</b>

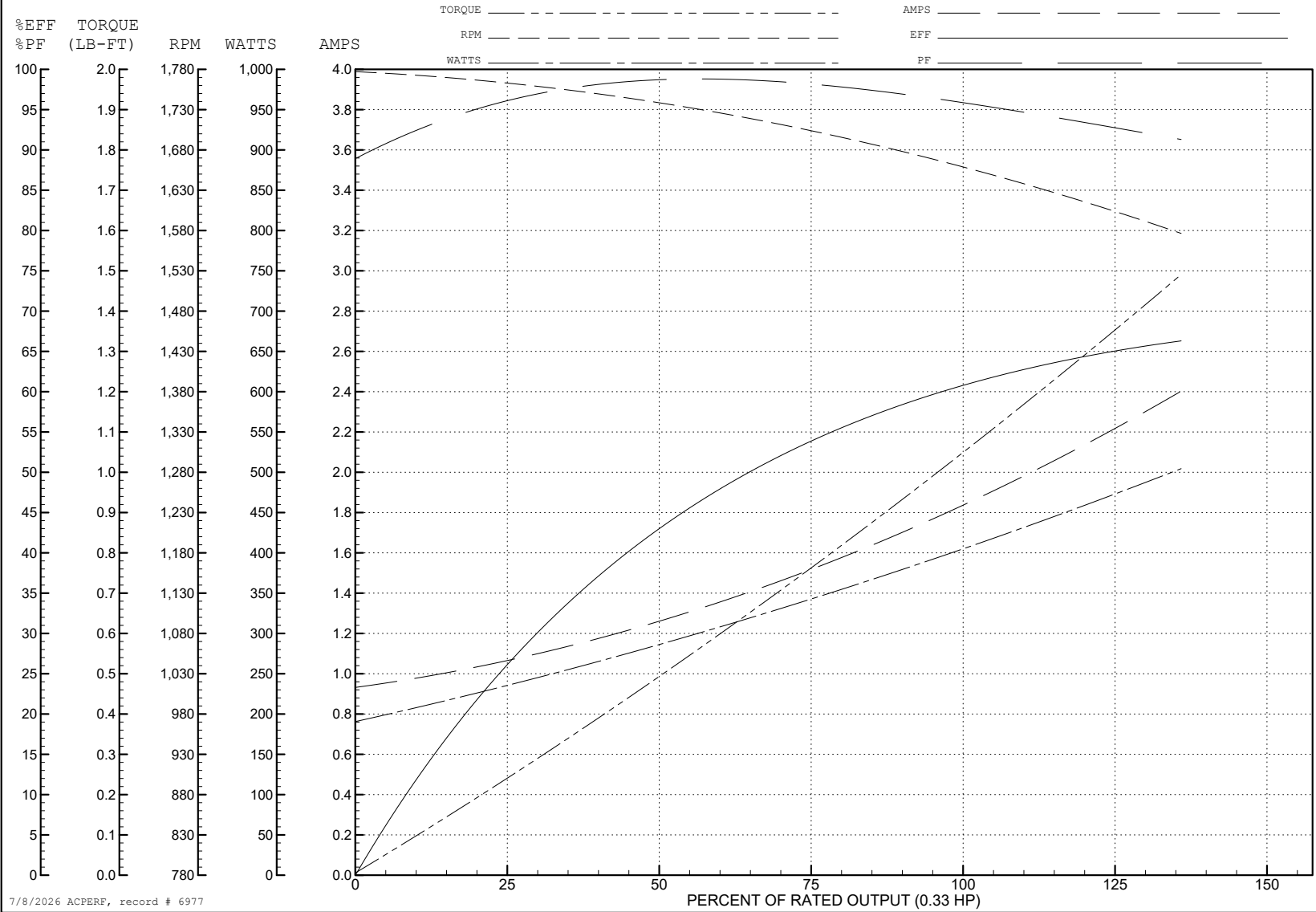
ABB Motors and Mechanical Inc.

WINDING # 34WG426

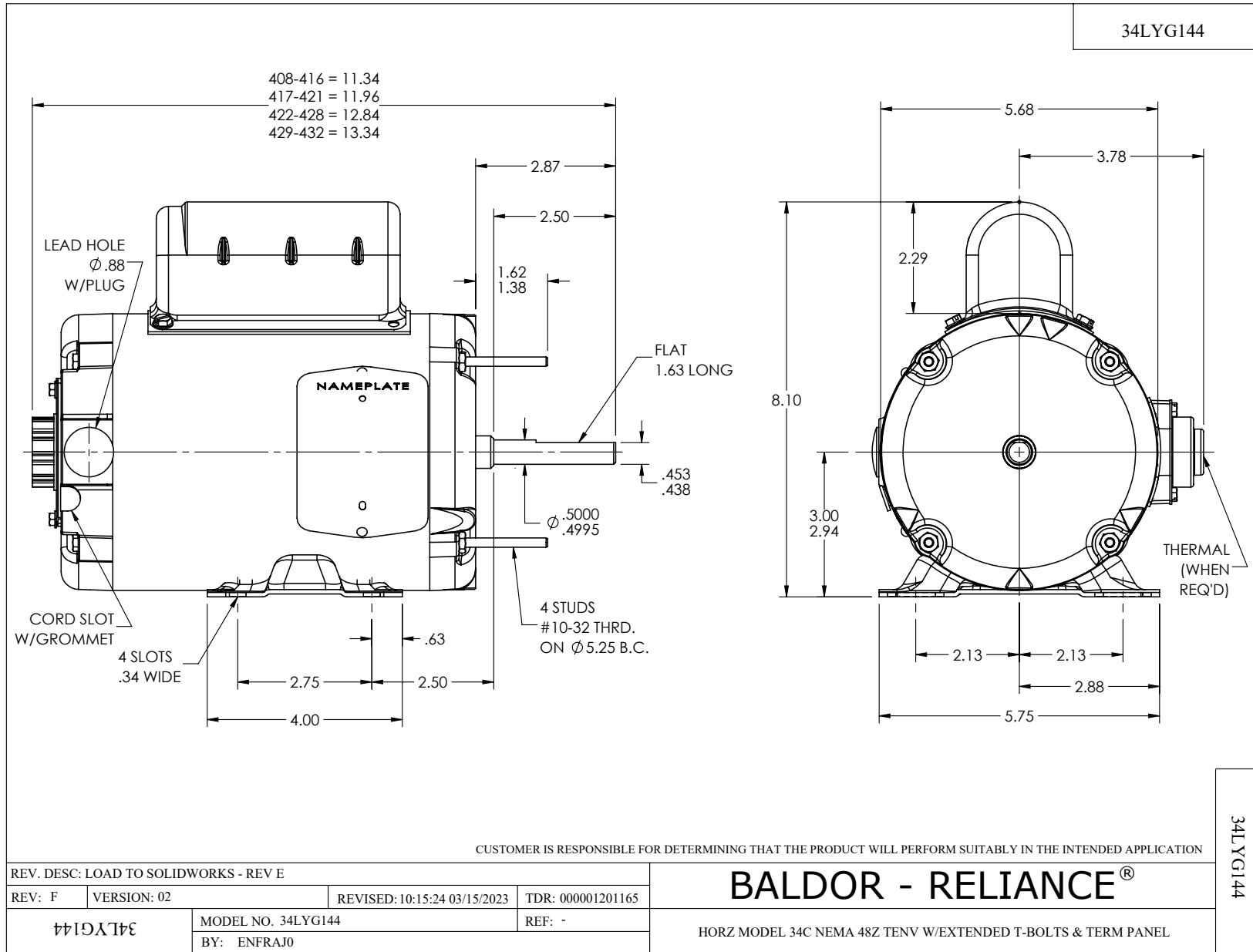
0.33 HP 1 PH 60 HZ 1625 RPM 230 V 3414C

Typical performance - not guaranteed values.

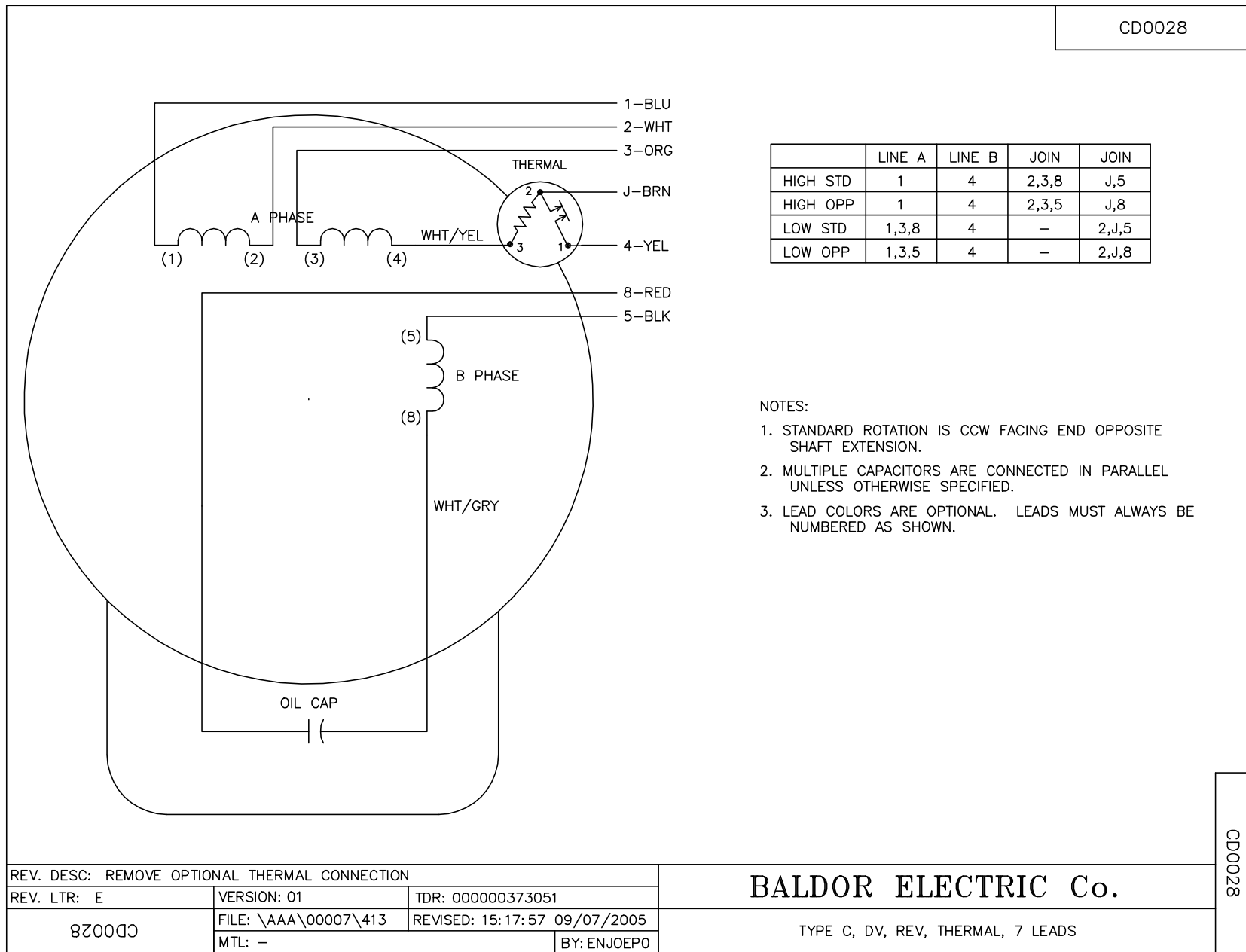
TORQUES (LB-FT): PO=2 PU=0.7 LR=0.7 LRA=5.5



7/8/2026 ACPERF, record # 6977



CD0028



REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: E	VERSION: 01	TDR: 000000373051
8Z00D0	FILE: \AAA\00007\413	REVISED: 15:17:57 09/07/2005
	MTL: -	BY: ENJOEPO

**BALDOR ELECTRIC Co.**

TYPE C, DV, REV, THERMAL, 7 LEADS

CD0028