

ABB BALDOR RELIANCE III

Customer information packet

GNEM2511T

10HP//7.5KW, 1180//980RPM, 3PH, 60//50HZ, 25

Class - None

Division - Not Applicable

Specifications

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| Enclosure | OPSB |
| Frame | 254T |
| Frame Material | Steel |
| Frequency | 50.00 Hz 60.00 Hz |
| Haz Area Class and Group | None |
| Haz Area Division | Not Applicable |
| Motor Letter Type | Three Phase |
| Output @ Frequency | 7.500 KW @ 50 HZ 10.000 HP @ 60 HZ |
| Phase | 3 |
| Synchronous Speed @ Frequency | 1200 RPM @ 60 HZ |
| Voltage @ Frequency | 208.0 V @ 60 HZ 190.0 V @ 50 HZ 230.0 V @ 60 HZ 380.0 V @ 50 HZ 460.0 V @ 60 HZ |
| Agency Approvals | WEEE UKCA NEMA PREMIUM (OLD LOGO) NEMA PREMIUM IE3 CURUSEEV CE |
| Ambient Temperature | 40 °C |
| Auxiliary Box | NO AUXILLARY BOX |
| Auxiliary Box Lead Termination | None |
| Base Indicator | Rigid |
| Bearing Grease Type | Polyrex EM (-20F +300F) |
| Blower | None |
| Current @ Voltage | 38.000 A @ 190.0 V 34.000 A @ 230.0 V |

Part Detail

| | |
|---------------------|------------|
| Revision | C |
| Type | AC |
| Mech. spec. | 39K57 |
| Base | |
| Status | PRD/A |
| Elec. spec. | 39WGY470 |
| Layout | 39LYK057 |
| Eff. date | 12-12-2025 |
| CD Diagram | CD0180 |
| Poles | 06 |
| Leads | 9#12 |
| Proprietary | False |
| Created date | 04-23-2024 |

34.000 A @ 208.0 V

19.000 A @ 380.0 V

17.000 A @ 460.0 V

| | |
|--------------------------------------|---------------------------|
| Design Code | A |
| Drip Cover | No Drip Cover |
| Duty Rating | CONT |
| Efficiency @ 100% Load | 91.0 % |
| Electrically Isolated Bearing | Not Electrically Isolated |
| Feedback Device | NO FEEDBACK |
| Front Shaft Indicator | None |
| Heater Indicator | No Heater |
| High Voltage Full Load Amps | 17.0 a |
| Insulation Class | F |
| Inverter Code | Inverter Duty |
| KVA Code | M |
| Lifting Lugs | Standard Lifting Lugs |
| Locked Bearing Indicator | No Locked Bearing |
| Motor Lead Quantity/Wire Size | 9 @ 12 AWG |
| Motor Lead Termination | Flying Leads |
| Motor Standards | NEMA |
| Motor Type | 3966M |
| Mounting Arrangement | F1 |
| Number of Poles | 6 |
| Overall Length | 24.19 IN |
| Power Factor | 61 |
| Product Family | General Purpose |
| Pulley End Bearing Type | Ball |
| Pulley Face Code | Standard |
| Pulley Shaft Indicator | Standard |
| Rodent Screen | None |
| RoHS Status | ROHS COMPLIANT |
| Service Factor | 1.15 |
| Shaft Diameter | 1.625 IN |
| Shaft Ground Indicator | No Shaft Grounding |

| | |
|-----------------------------------|---------------------|
| Shaft Rotation | Reversible |
| Shaft Slinger Indicator | No Slinger |
| Speed | 1180 rpm 980 rpm |
| Speed Code | Single Speed |
| Starting Method | Direct on line |
| Thermal Device - Bearing | None |
| Thermal Device - Winding | None |
| Vibration Sensor Indicator | No Vibration Sensor |
| Winding Thermal 1 | None |
| Winding Thermal 2 | None |

Nameplate

| NP4304L | | | | | | | | | |
|-----------------------|------------------------------|-----------------|--------|-------------|-------------|--------------|-------|-----------|--|
| CAT.NO. | GNEM2511T | | | | | | | | |
| SPEC. | 39K057Y470G1 | | | | | | | | |
| HP | 10HP//7.5KW | | | | | PH | 3 | | |
| VOLTS | 208-230/460//190/380 | | | | | | | | |
| AMPS | 34/17//38/19 | | | | | | | | |
| R.P.M. (1/MIN) | 1180//980 | | | | | WT. | 131KG | KG | |
| FRAME | 254T | HZ | 60//50 | | I.P. | 22 | | | |
| SER.F. | 1.15 | CODE | M | DES. | A | CLASS | F | | |
| NOM.EFF. | 91 | % (100%) | | | | | | | |
| P.F. | 61 | IC01, 10:1 VT | | | | | | | |
| RATING | 40C AMB-CONT | | | | CC | | | | |
| DE | 6309 | ODE | 6208 | | | | | | |
| ENCL | OPSB | SN | | | | | | | |
| | IE3-50HZ 91.6(75%),89.9(50%) | | | | | | | | |
| | IE3-60HZ 91.3(75%),88.8(50%) | | | | | | | | |

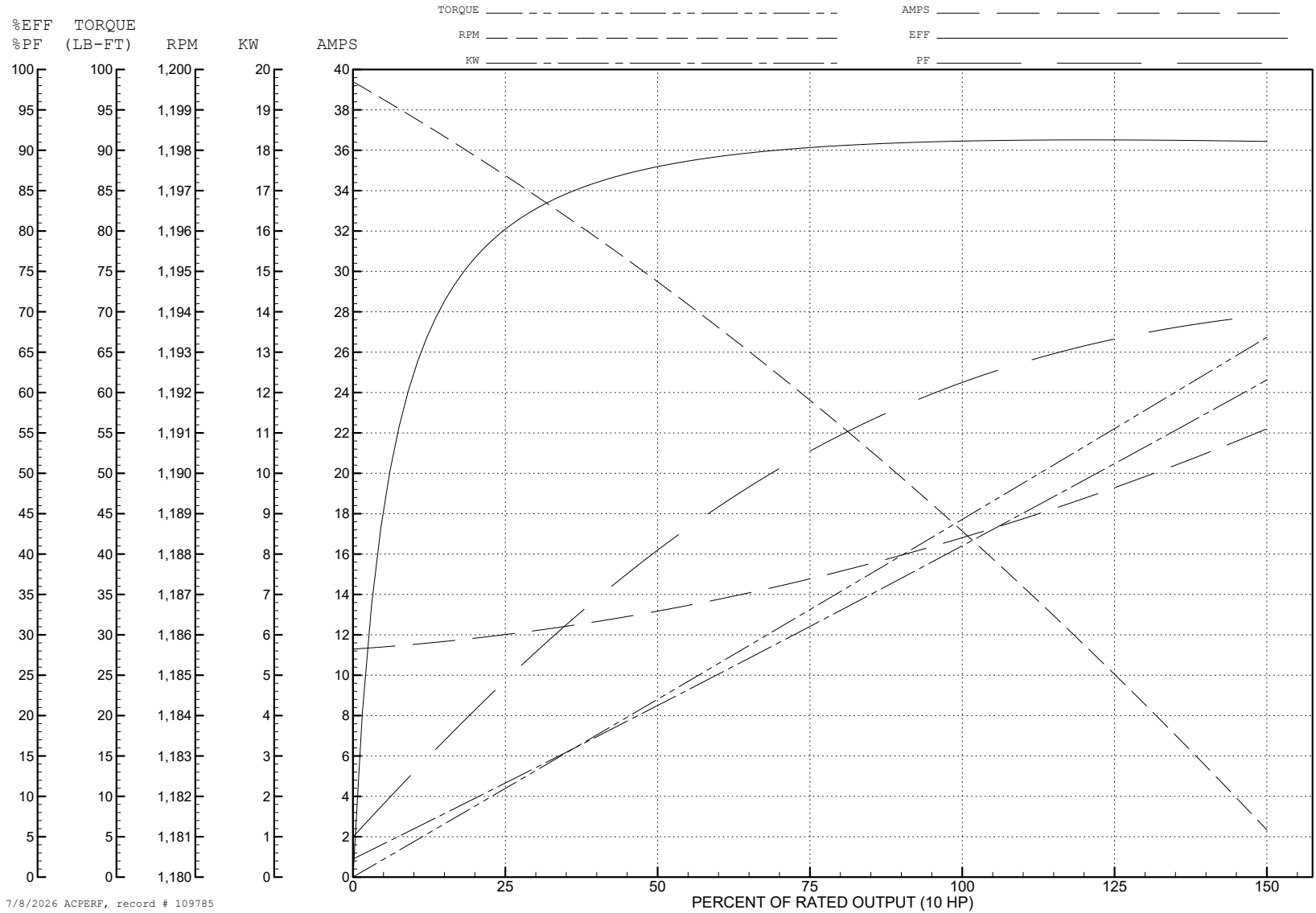
ABB Motors and Mechanical Inc.

WINDING # 39WGY470

Typical performance - not guaranteed values.

10 HP 3 PH 60 HZ 1189 RPM 460 V 3966M

TORQUES (LB-FT): PO=164 PU=91.4 LR=116 LRA=130



7/8/2026 ACPERF, record # 109785

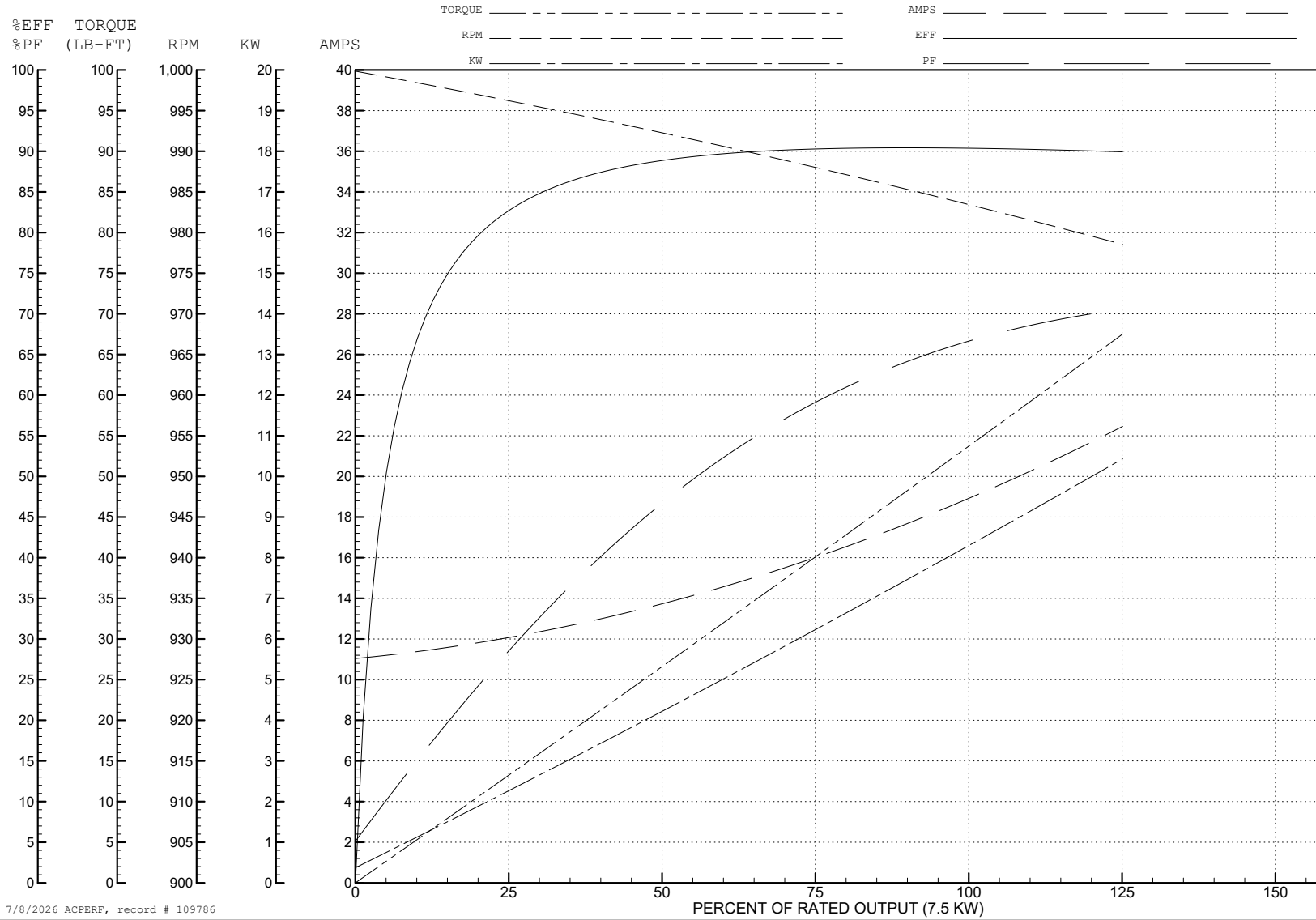
ABB Motors and Mechanical Inc.

WINDING # 39WGY470

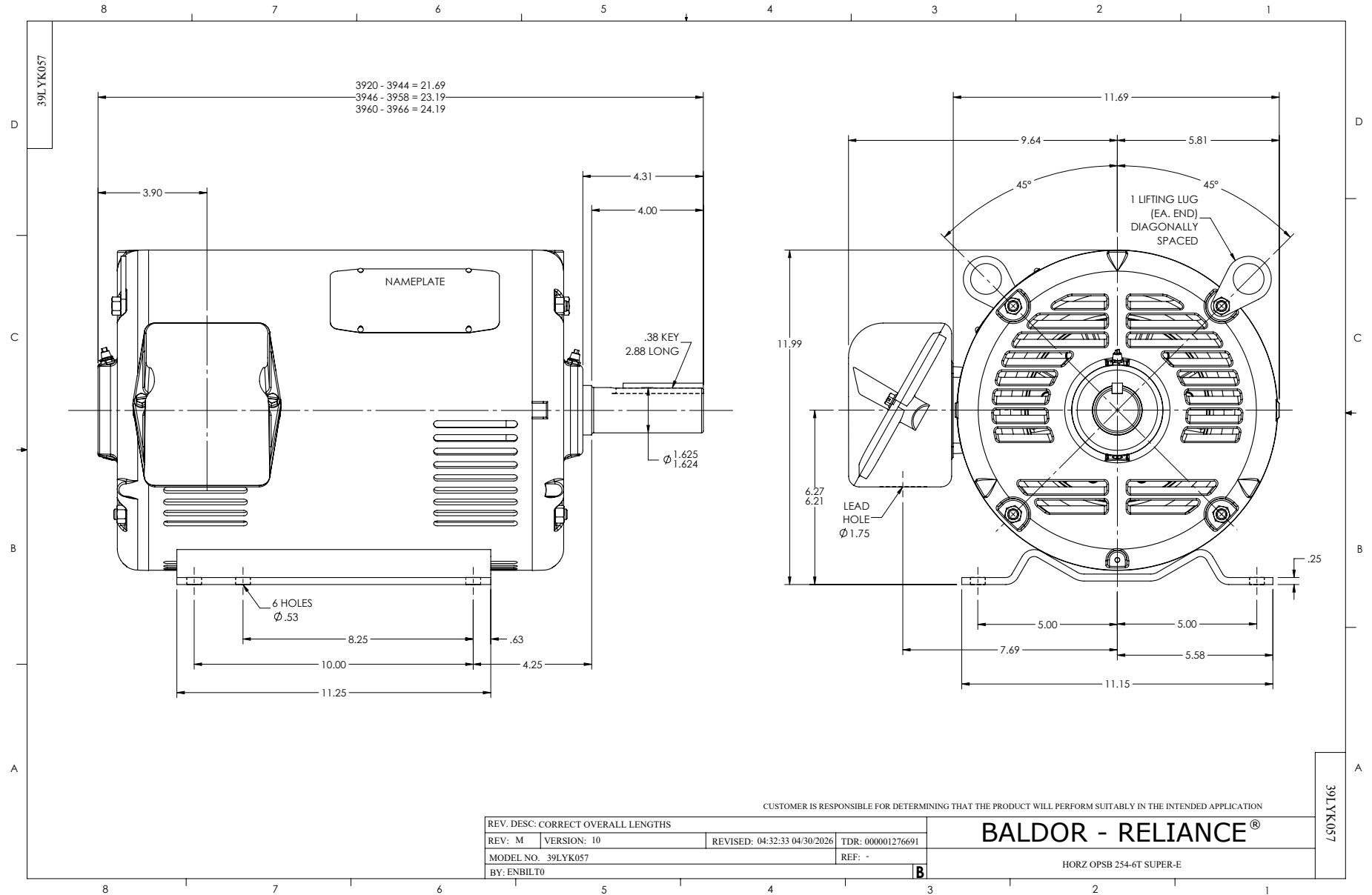
7.5 KW 3 PH 50 HZ 983.5 RPM 380 V 3966M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=249 PU=132 LR=163 LRA=147



7/8/2026 ACPERF, record # 109786



CD0180



LOW VOLTAGE
(2D)



HIGH VOLTAGE
(1D)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

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|-----------------------------------|--------------------------------|-------------------|
| REV. DESC: ADD CLASS CONN00000007 | | |
| REV. LTR: D | VERSION: 01 | TDR: 000001099922 |
| FILE: \AAA\00005\148 | REVISED: 10: 25: 29 02/19/2019 | BY: ENBRIRO |
| MTL: - | © □ | |

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

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