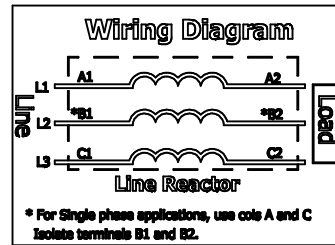
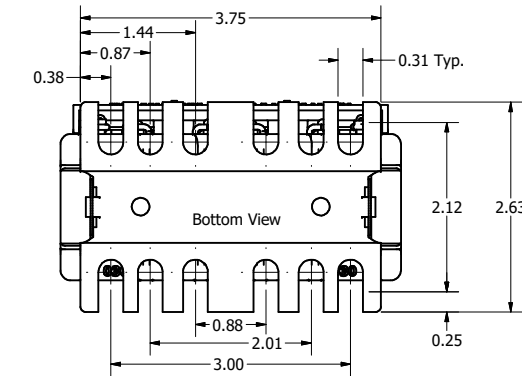
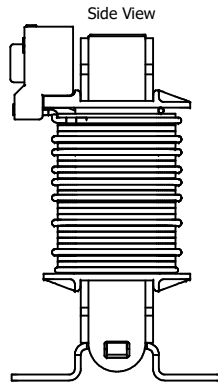


Wire Range: 22-12 AWG.
Torque : 9 In-lbs (1 Nm)



| 480 Rated Voltage, 690 Max Voltage, High Z, Impedance. | | | | | | |
|--|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA1H2 | 2 | 3.4 | 3.8 | 10800 | 3.0 | 33 |
| KDRAA2H2 | 3 | 4.8 | 5.4 | 7650 | 3.0 | 42 |
| KDRAA6H2 | 4 | 6.2 | 7.2 | 5930 | 3.4 | 50 |
| KDRAA3H2 | 5 | 7.6 | 8.2 | 4840 | 3.7 | 66 |
| KDRAA3H2 | 5 1/2 | 8.2 | 8.2 | 4840 | 3.7 | 74 |
| KDRAA4H2 | 7 1/2 | 11 | 12 | 3060 | 4.0 | 70 |
| KDRAA5H2 | 10 | 14 | 14 | 2330 | 4.2 | 97.7 |

| 208/ 240 Rated Voltage, 690 Max Voltage, High Z, Impedance. | | | | | | |
|---|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA28H2 | 3 | 10.6 | 11 | 1618 | 2.6 | 44.6 |

| 600 Rated Voltage, 690 Max Voltage, High Z, Impedance. | | | | | | |
|--|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA46H2 | 1 1/2 | 2.4 | 3.2 | 19100 | 3.2 | 26 |
| KDRAA43H2 | 2 | 2.7 | 3.4 | 17000 | 3.0 | 30 |
| KDRAA44H2 | 3 | 3.9 | 4.5 | 11800 | 2.9 | 47 |
| KDRAA57H2 | 4 | 4.9 | 5.5 | 9380 | 3.5 | 48 |
| KDRAA58H2 | 5 | 6.1 | 6.8 | 7530 | 3.4 | 44 |
| KDRAA58H2 | 5 1/2 | 6.6 | 6.8 | 7530 | 3.4 | 47 |

| 480 Rated Voltage, 690 Max Voltage, Low Z, Impedance. | | | | | | |
|---|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA6L2 | 4 | 6.2 | 7.0 | 3560 | 3.0 | 39 |
| KDRAA3L2 | 5 | 7.6 | 8.2 | 2900 | 3.0 | 45 |
| KDRAA3L2 | 5 1/2 | 8.2 | 8.2 | 2900 | 3.0 | 45 |
| KDRAA4L2 | 7 1/2 | 11 | 11.6 | 2000 | 3.2 | 64 |
| KDRAA5L2 | 10 | 14 | 14 | 1580 | 3.3 | 77.7 |

| 208/ 240 Rated Voltage, 690 Max Voltage, Low Z, Impedance. | | | | | | |
|--|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA28L2 | 3 | 10.6 | 12 | 971 | 3.0 | 42 |

| 600 Rated Voltage, 690 Max Voltage, Low Z, Impedance. | | | | | | |
|---|-----------------|----------------|------------------|------------------------|--------------|------------|
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
| KDRAA52L2 | 3 | 3.9 | 4.5 | 7070 | 3.5 | 30 |
| KDRAA57L2 | 4 | 4.9 | 5.5 | 5630 | 2.9 | 30 |
| KDRAA58L2 | 5 | 6.1 | 7.6 | 4520 | 3.0 | 39 |
| KDRAA58L2 | 5 1/2 | 6.6 | 7.6 | 4520 | 3.0 | 44 |
| KDRAA48L2 | 7 1/2 | 9.0 | 9.6 | 3100 | 3.2 | 57 |
| KDRAA49L2 | 10 | 11 | 11 | 2350 | 3.8 | 52.6 |

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KDR Drive Reactor
KDR Motor Amps
3PH 50/60Hz, —V Rated, 690V Max, —A Max, Refs
50C Amb Max 135C Max, Manual # 30895

Date Code

- Notes: 1. UL file number: cULus Listed File E116124.
2. KDR Drive Reactors Comply With The Thermal and Altitude Standards Set Forth by NEMA ST20-1992.
3. KDR IOM Manual Part Number 30895
4. NEC Current For 208/240 Volts, Horsepower Based On 208 Volts.
5. For Din Rail Kit, See Part Number DR02.
6. Material(s) Shall be RoHS Compliant
7. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

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| NO | REVISION | DATE | BY |
|----|--|-----------|-----|
| G | 6688, Various MAX AMP UPDATES | 5/30/2024 | DSW |
| F | 6232, Remove, KDRAA47L2 | | |
| F | 6232, Remove KDRAA9H2/L2. | 4/6/2023 | DSW |
| E | 491.2 inductance changed | 10/11/22 | JSG |
| D | 5455, 9L, 9H, 1H, 4H, 4SH Weight Updated | 1/14/2021 | DSW |

TCL W182N10611 (Rev 11/16) Germantown, WI 53022

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KDR AA Frame, Terminal Block
Inductor Drawing

DRN BY: DSW DATE: 11/3/2017 107073DG
SCALE: 1:1.2 DRAWN BY: [Signature]