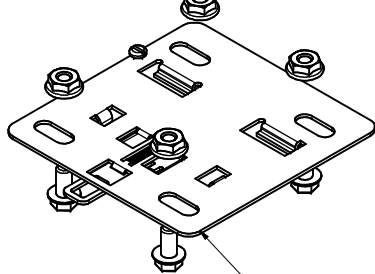
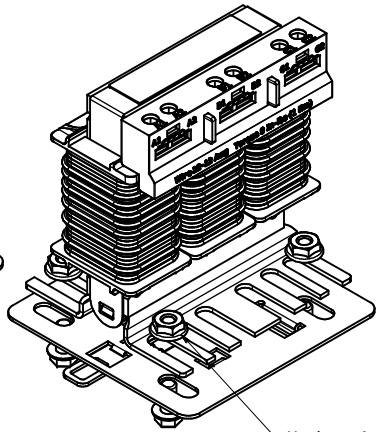


Reactor and Din Rail Plate and Hardware Shipped Together, Unassembled.

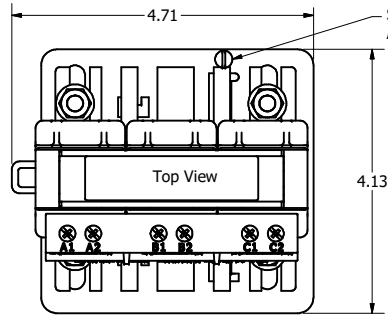
0.25-20 Mounting Hardware.



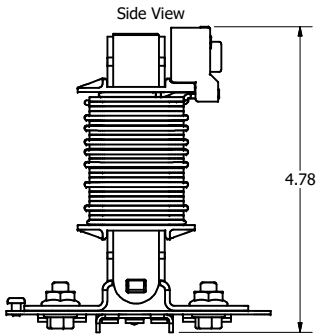
Din Rail Adapter Plate.



Hardware Assembly Torque.  
66 in-lbs (7.5 N-m)

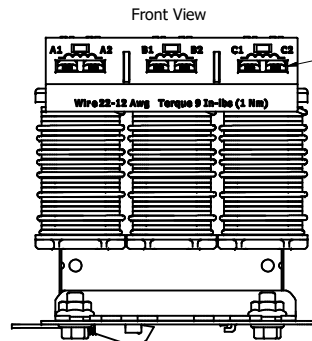


Set Screw, Used To Prevent Assembly From Sliding On Din Rail.



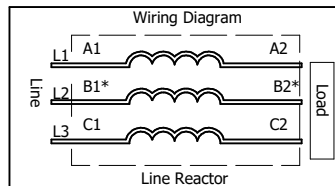
Side View

4.78



Front View

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



\* For single phase applications, use coils A and C, Isolate terminals B1 and B2.

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) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA9H2DR  | 1 1/2           | 3.00           | 4.0              | 12300                  | 3.2          | 37         |
| KDRAA1H2DR  | 2               | 3.40           | 3.8              | 10800                  | 3.2          | 45         |
| KDRAA2H2DR  | 3               | 4.80           | 5.4              | 7650                   | 3.4          | 42         |
| KDRAA6H2DR  | 4               | 6.20           | 7.6              | 5930                   | 3.8          | 50         |
| KDRAA3H2DR  | 5               | 7.60           | 8.2              | 4840                   | 4.0          | 66         |
| KDRAA3H2DR  | 5 1/2           | 8.20           | 8.2              | 4840                   | 4.0          | 74         |
| KDRAA4H2DR  | 7 1/2           | 11             | 12               | 3060                   | 4.4          | 70         |
| KDRAA5H2DR  | 10              | 14             | 14               | 2330                   | 4.6          | 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) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA28H2DR | 3               | 10.6           | 11               | 1618                   | 3            | 44.6       |

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) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA9L2DR  | 1 1/2           | 3.00           | 4.5              | 7400                   | 3.4          | 25         |
| KDRAA6L2DR  | 4               | 6.20           | 7.6              | 3560                   | 3.4          | 39         |
| KDRAA3L2DR  | 5               | 7.60           | 8.2              | 2900                   | 3.4          | 45         |
| KDRAA3L2DR  | 5 1/2           | 8.20           | 8.2              | 2900                   | 3.4          | 49         |
| KDRAA4L2DR  | 7 1/2           | 11.0           | 11.6             | 2000                   | 3.6          | 63         |
| KDRAA5L2DR  | 10              | 14             | 14               | 1580                   | 3.7          | 77.7       |

208/ 240 Rated Voltage, 690 Max Voltage, Low Z, Impedance.

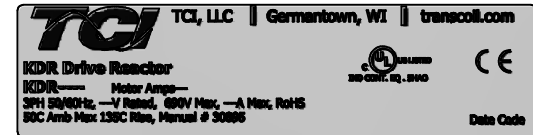
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA28L2DR | 3               | 10.6           | 12               | 971                    | 3.4          | 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) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA47L2DR | 2               | 2.70           | 4.8              | 10200                  | 3.2          | 19         |
| KDRAA52L2DR | 3               | 3.90           | 4.8              | 7100                   | 3.9          | 30         |
| KDRAA57L2DR | 4               | 4.90           | 7.6              | 5630                   | 3.3          | 30         |
| KDRAA58L2DR | 5               | 6.10           | 7.6              | 4520                   | 3.4          | 39         |
| KDRAA58L2DR | 5 1/2           | 6.60           | 7.6              | 4520                   | 3.4          | 44         |
| KDRAA48L2DR | 7 1/2           | 9.00           | 9.6              | 3100                   | 3.6          | 57         |
| KDRAA49L2DR | 10              | 11             | 11               | 2454                   | 4.2          | 60.7       |

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) |
|-------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRAA46H2DR | 1 1/2           | 2.40           | 3.2              | 19100                  | 3.3          | 31         |
| KDRAA43H2DR | 2               | 2.70           | 3.4              | 17000                  | 3.1          | 37         |
| KDRAA44H2DR | 3               | 3.90           | 4.5              | 11800                  | 3.3          | 47         |
| KDRAA57H2DR | 4               | 4.90           | 6.0              | 9380                   | 3.9          | 48         |
| KDRAA58H2DR | 5               | 6.10           | 6.8              | 7530                   | 3.8          | 44         |
| KDRAA58H2DR | 5 1/2           | 6.60           | 6.8              | 7530                   | 3.8          | 47         |



- 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. Material(s) Shall be RoHS Compliant
6. Reactor and Din Rail Plate and Hardware Shipped Together, Unassembled.
7. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

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| REV | DESCRIPTION | DATE | BY | SCALE |
|-----|-------------|------|----|-------|
| NO  | REVISION    | DATE | BY | SCALE |

TOLERANCES (EXCEPT AS NOTED)  
 DECIMAL  
 .XX ± .25  
 .XXX ± .10  
 FRACTIONAL  
 ± 1/16  
 ANGULAR  
 ± 1°

**TCL** W132 N10611 Grant Drive  
 Germantown, WI 53022

KDR AA Frame, Terminal Block,  
 Din Rail Mounting, Reactor Drawing

DATE: 12/7/17  
 DRAWN BY: DSW  
 CHECKED BY: DSW  
 SCALE: 1:1.5  
 SHEET 1 OF 1