

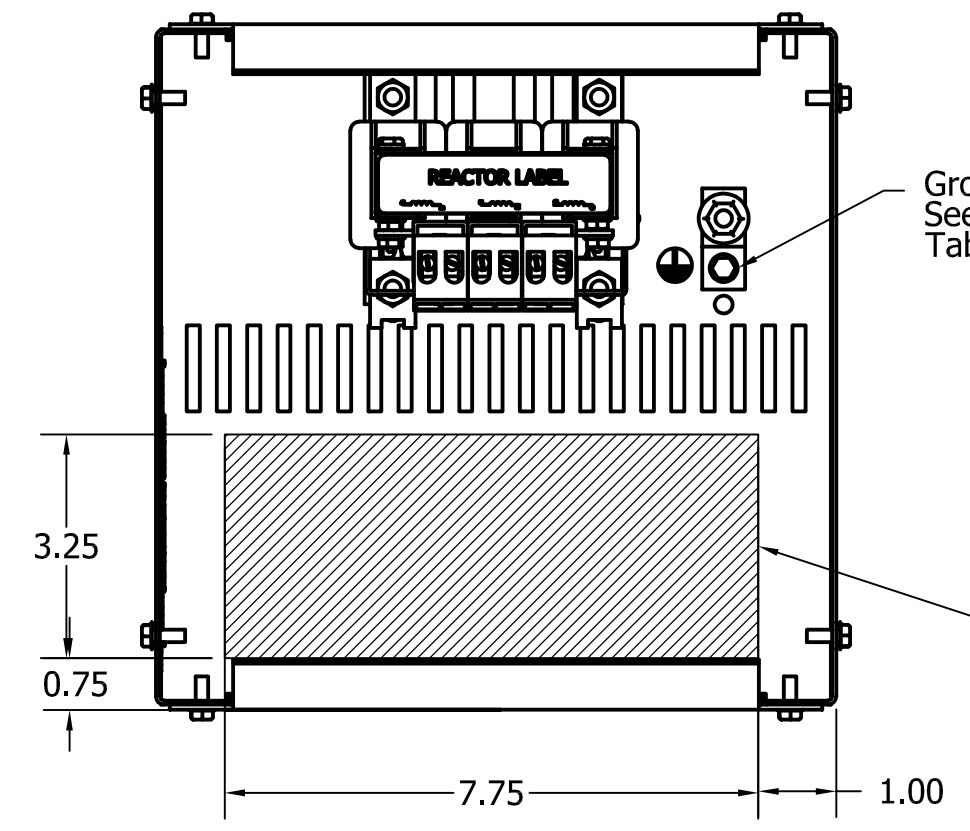
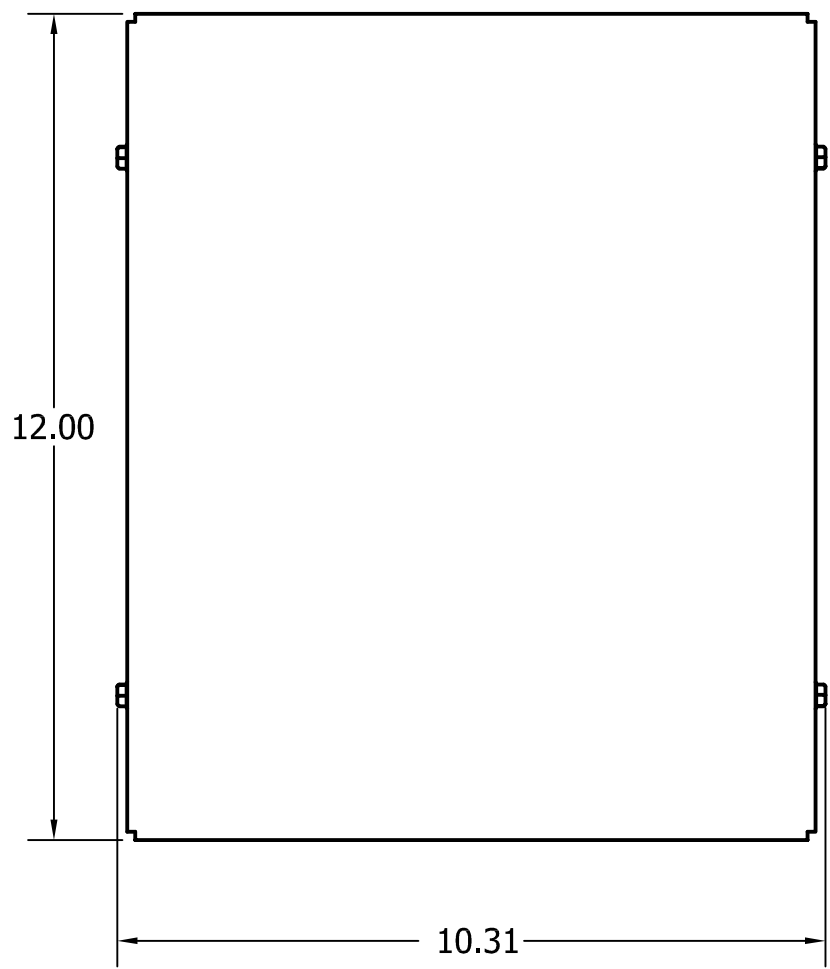
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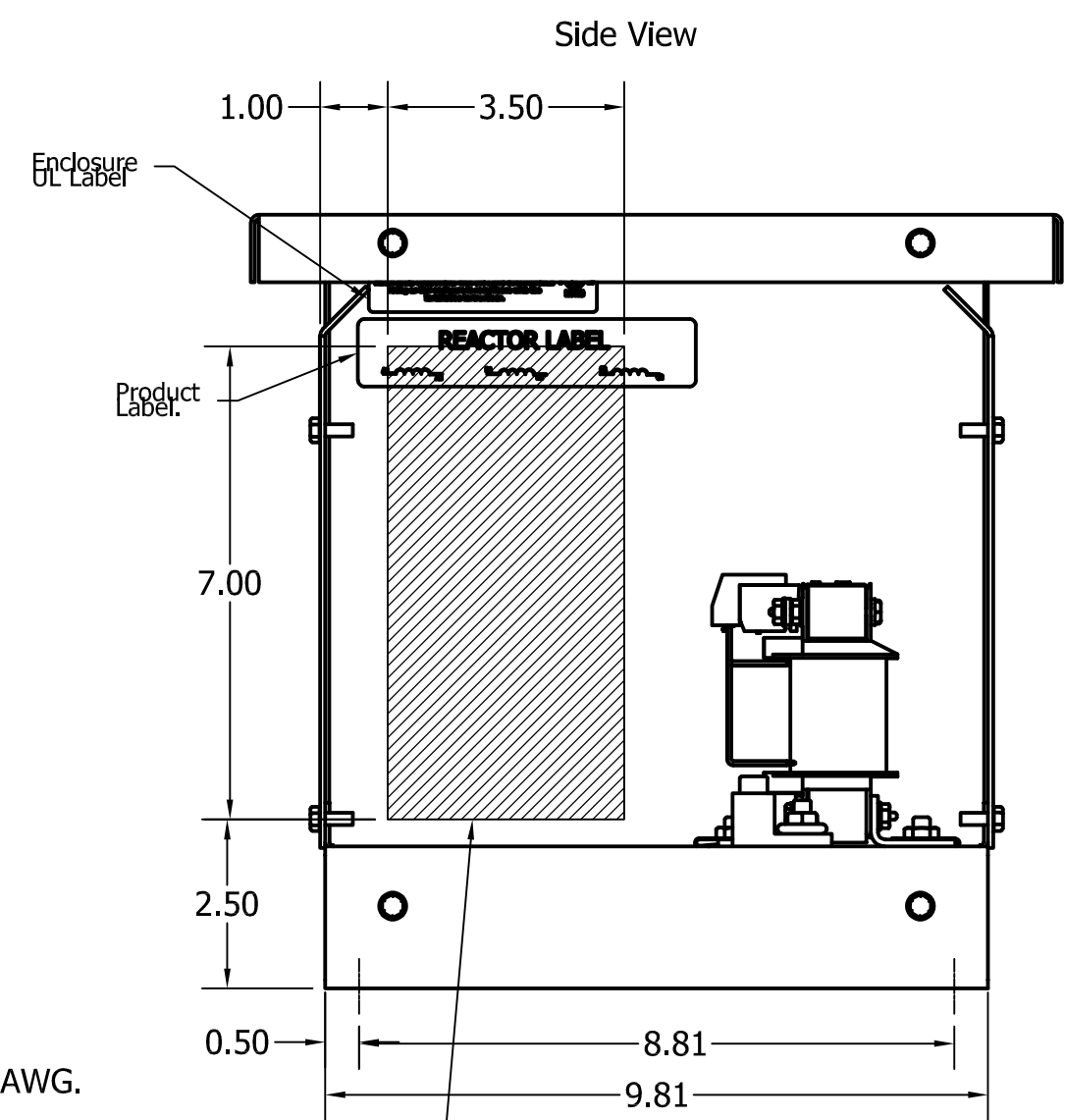
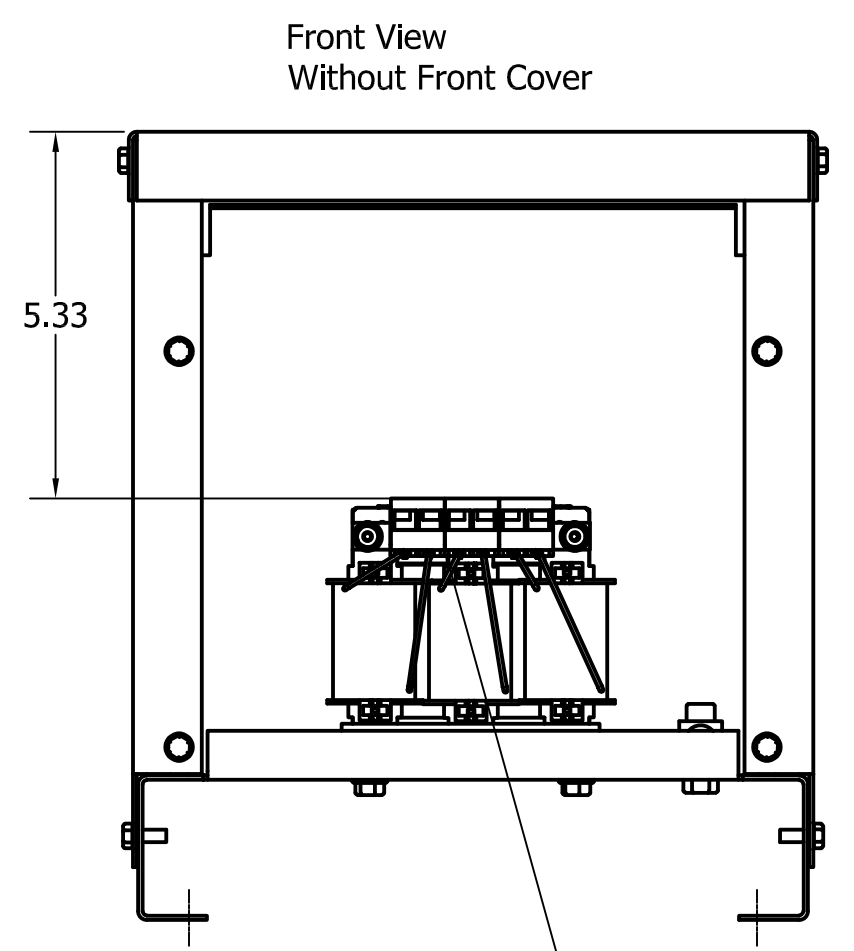
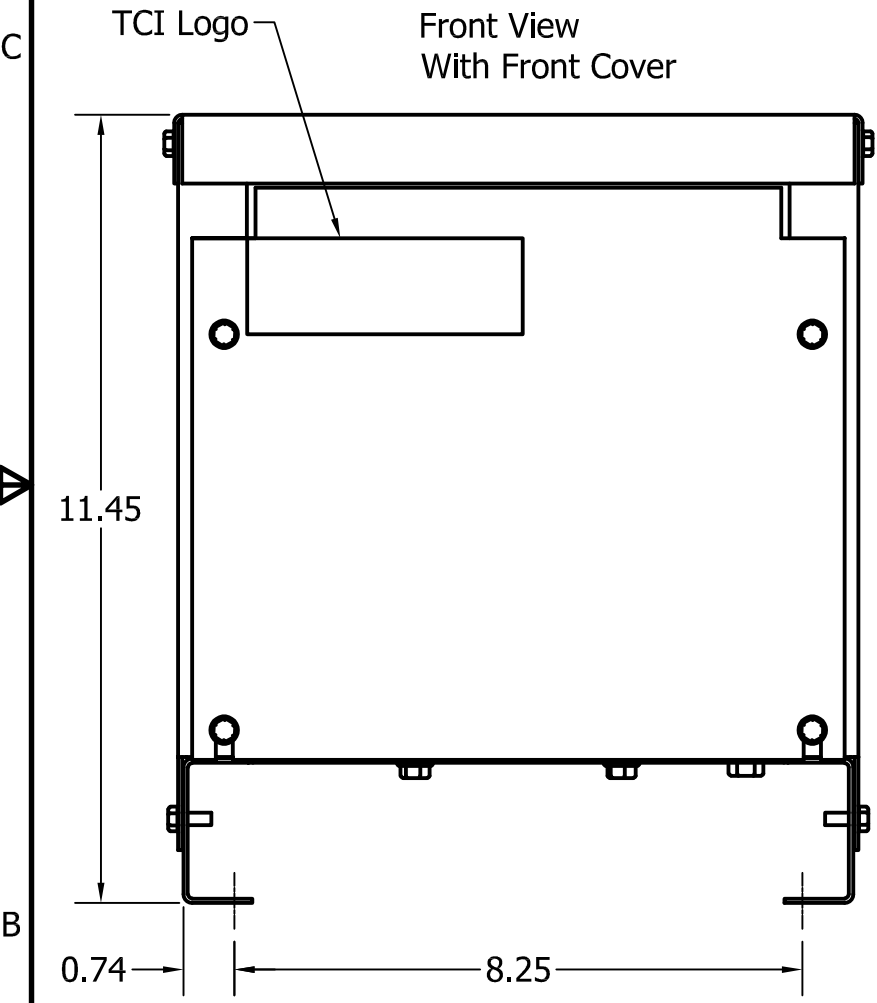
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Top View



Ground Lug.
See IOM Manual, Part# 30895
Table S2/0, Wire Size And Torque.

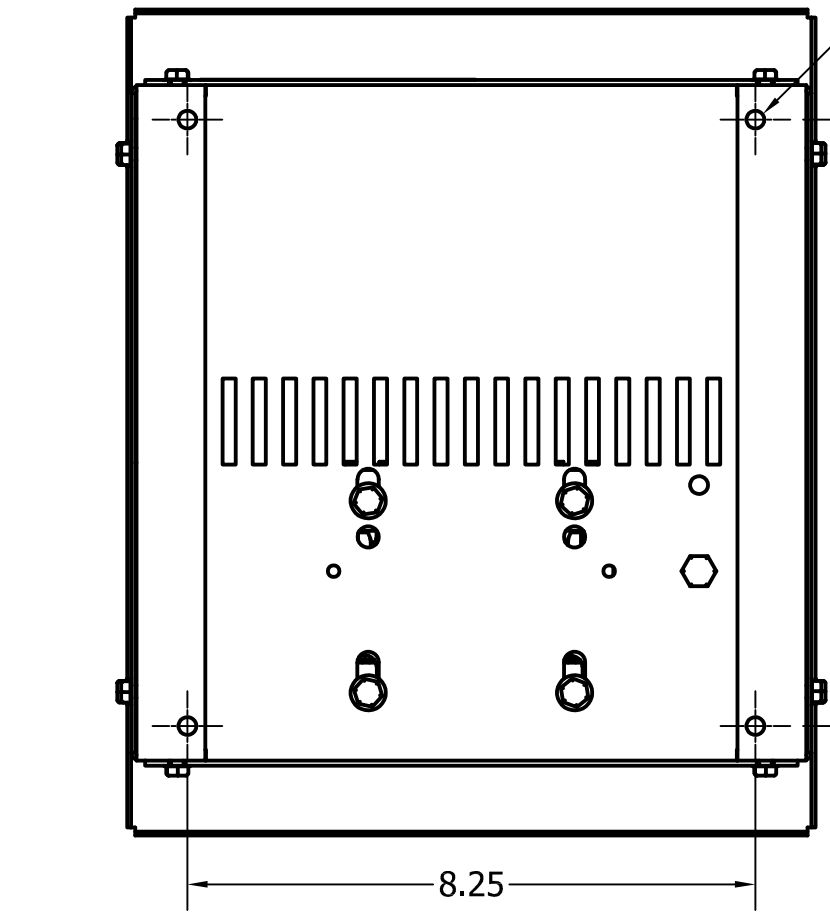
Suggested
Customer Wire Entrance
Bottom Of Enclosure.
See Note: 7
(Non Removeable Panel)



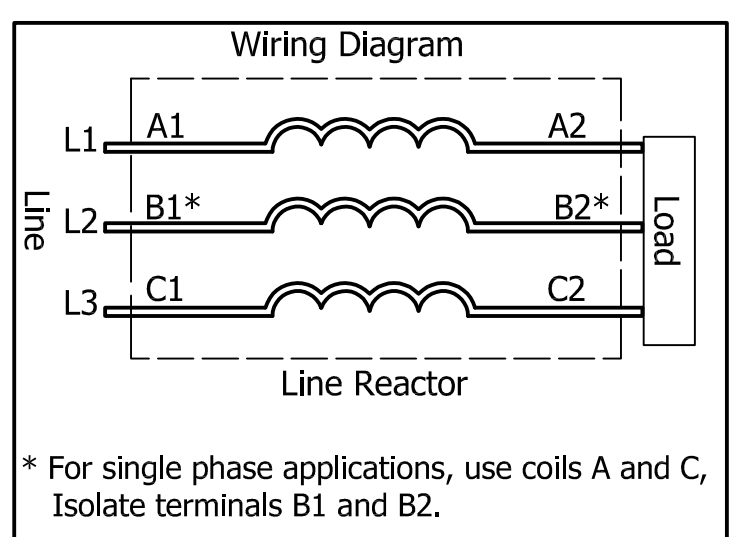
Side View

Wire Range: 18-12 AWG.
Torque : 10 IN-LBS (1.1 Nm)

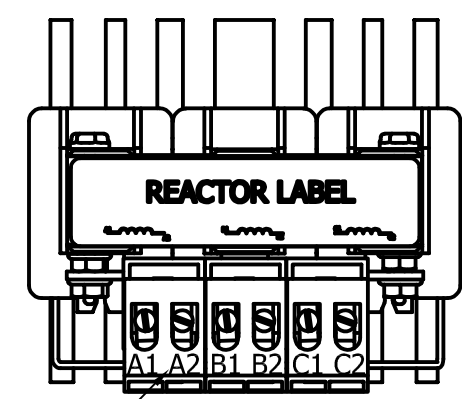
Bottom View



0.27 Dia Holes
4 Places, (Bottom of Enclosure)



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



Markings On
Terminal Block For
Reference Only.

575 Rated Voltage, 600 Max Voltage, High Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRA55HE3R	1/2	0.9	1.5	51900	19	8
KDRA52HE3R	3/4	1.3	1.6	37100	19	13
KDRA50HE3R	1	1.7	2.1	29400	19	17
KDRA51HE3R	1 1/2	2.4	2.8	20600	19	26
KDRA43HE3R	2	2.7	3.2	17900	19	23
KDRA44HE3R	3	3.9	5	12000	19	34
KDRA45HE3R	5	6.1	7.5	7580	19	47

575 Rated Voltage, 600 Max Voltage, Low Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRA55LE3R	1/2	0.9	1.5	30300	19	6
KDRA56LE3R	3/4	1.3	2.1	21200	19	9.3
KDRA50LE3R	1	1.7	2.1	15900	19	12
KDRA51LE3R	1 1/2	2.4	2.8	10200	19	19
KDRA46LE3R	2	2.7	3.3	9290	19	22
KDRA52LE3R	3	3.9	5	6740	19	23
KDRA47LE3R	5	6.1	7	4510	19	35
KDRA48LE3R	7 1/2	9	10.4	3100	19	43
KDRA49LE3R	10	11	11	2470	20	44

480 Rated Voltage, 600 Max Voltage, Output

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRA1PE3R	2	3.4	4	3190	19	9
KDRA2PE3R	3	4.8	6	1700	19	9
KDRA3PE3R	5	7.6	8	1410	19	14
KDRA4PE3R	7 1/2	11	12	863	20	20

575 Rated Voltage, 600 Max Voltage, Output

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRA31PE3R	2	2.7	4	3370	19	9
KDRA35PE3R	3	3.9	4	3150	19	9
KDRA33PE3R	5	6.1	8	1430	19	14
KDRA34PE3R	7 1/2	9	12	991	20	20
KDRA36PE3R	10	11	12	936	20	20

TCI (800) 824-8282 transcoil.com

TCI, LLC
Germantown, WI, USA
transcoil.com
800-824-8282

KDRUL Drive Reactor
KDR- Motor Amps —
3PH, 50/60Hz, —V Rated, 600V Max, —A Max, RoHS
40C Amb Max, 135C Rise
Manual #30895

UL US LISTED CE

DATE CODE A1 A2 B1 B2 C1 C2

- Notes:
1. For KDRUL Version, See Sheet 4
 2. UL file number: cULus Listed File E116124.
 3. KDR Drive Reactors Comply With The Thermal and Altitude Standards Set Forth by NEMA ST20-1992.
 4. KDR IOM Manual Part Number 30895
 5. NEC Current For 208/240 Volts, Horsepower Based On 208 Volts.
 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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TOLERANCES (EXCEPT AS NOTED)			
DECIMAL			
.XX	± .25		
.XXX	± .10		
FRACTIONAL			
± 1/16			
ANGULAR			
± 1°			

TCI W132 N10611 Grant Drive
Germantown, WI 53022

KDR A Frame, Terminal Block, Enclosed
Type 3R, Reactor Drawing

DRN BY: DSW DATE: 3/13/18 107547DG
SCALE: 1/3 APRVD: SIZE: C

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