

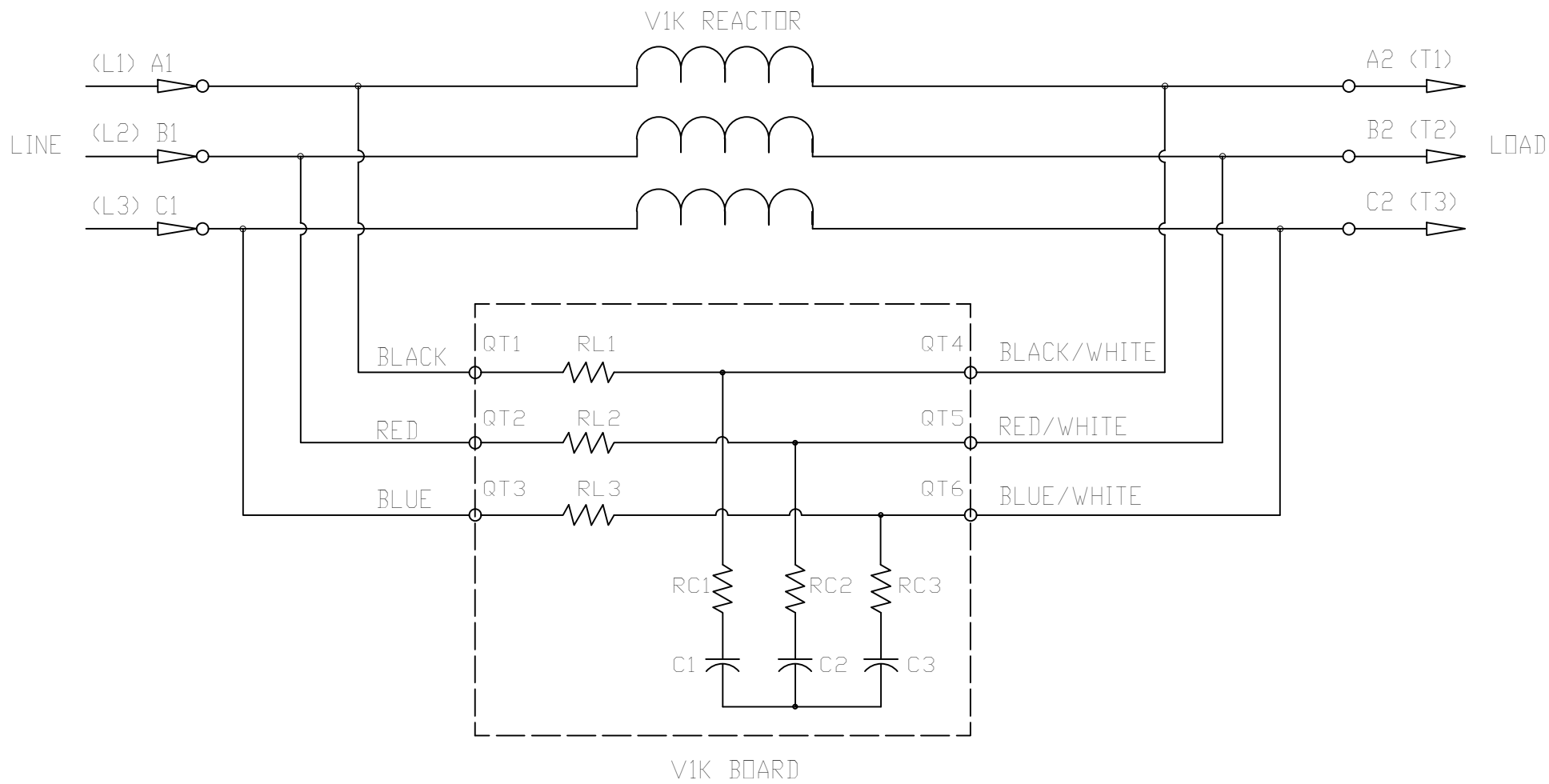
Wire Range: 1- 4 AWG. Torque : 35 IN-LBS (3.95 Nm)  
6- 14 AWG. Torque : 30 IN-LBS (3.39 Nm)  
16- 20 AWG. Torque : 25 IN-LBS (2.28 Nm)  
22 AWG. Torque : 20 IN-LBS (2.26 Nm)

(Customer Connections)  
Markings On Terminal Block  
For Reference Only.

1					
TCI Part#	Motor Amps (A)	Maximum Amps (A)	Total Loss (W)	--mH±10%	Weight (LBS)
KDRE2Q	80	80	69	0.084	18

- Notes: 1. UL file number: cULus Listed File E116124.  
2. V1K Drive Reactors Comply With The Thermal and Altitude Standards Set Forth by NEMA ST20-1992.  
3. V1K IOM Manual Part Number 25316  
4. Material(s) Shall be RoHS Compliant  
5. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

## V1K SCHEMATIC



CUSTOMER IS RESPONSIBLE FOR INSTALLATION  
TO MEET ALL NATIONAL AND LOCAL ELECTRICAL CODES.

Material(s) Shall be RoHS Compliant

THE INFORMATION AND DESIGNS CONTAINED  
IN THIS DRAWING ARE CONFIDENTIAL AND THE  
PROPRIETARY PROPERTY OF ALLIED MOTION  
TECHNOLOGIES INC. AND ITS SUBSIDIARIES.  
NEITHER THIS DESIGN NOR ANY INFORMATION  
CONTAINED IN THIS DRAWING MAY BE  
REPRODUCED OR DISCLOSED TO OTHERS  
WITHOUT THE EXPRESS WRITTEN CONSENT OF  
ALLIED MOTION TECHNOLOGIES INC. AND ITS  
SUBSIDIARIES.

TOLERANCES (EXCEPT AS NOTED)			
DECIMAL			
			.XX ± .25
			.XXX ± .10
FRACTIONAL			
			± 1/32
ANGULAR			
			± 1°
A	As Designed	06/20/2022	GJS
NO	REVISION	DATE	BY

<b>TCI</b> An Allied Motion Company		W132N10611 Grant Drive Gemantown, WI 53022 © 2022 TCI, LLC	
KDR, V1K Output Inductor		80 Amps Max 480V	
DRN BY GJS	DATE 06/20/2022	109184	
SCALE 1:1.5	APRVD	SIZE C	SHT 1 OF 1