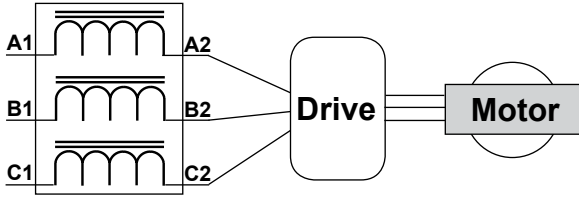


Application and Connection Diagrams

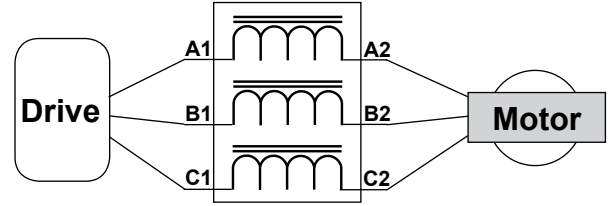
INPUT SIDE OF DRIVE

Installed on the input side of drives, reactors will reduce line notching, limit current and voltage spikes and surges from the incoming line and will reduce harmonic distortion from the drive onto the line. Units are installed in front of the drive or inverter as shown.



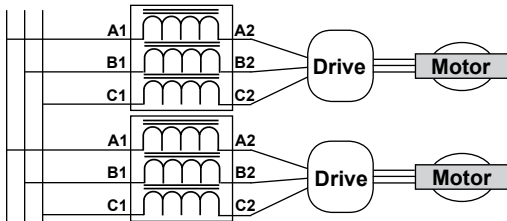
OUTPUT SIDE OF DRIVE

On the output side between the motor and the controller, reactors protect the controller from short circuits at the load. Motor performance improves. Voltage and current waveforms from the supply are enhanced reducing motor overheating and noise emissions.



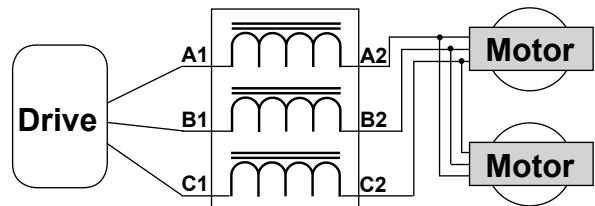
MULTIPLE DRIVES

Individual line reactors are recommended when multiple drives are installed on the same power line. Individual reactors eliminates cross talk between multiple drives and provides isolated protection for each controller for its own specific load.



MULTIPLE MOTORS

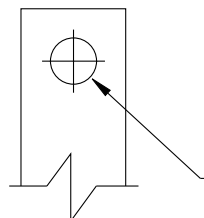
A single reactor can be installed when the application calls for multiple motors on the same drive. The reactor is sized based on the total horsepower of all the motors. Recommended for simultaneous operating motors only.



SECTION 3

Termination Details

| CONNECTOR DETAIL | | |
|--------------------|----------------|-------------------------|
| Open Style Ref. | Type | Range/Dia. |
| Figure #1 | Terminal Block | #12 - #22 |
| Figure #2 | Terminal Block | #4 - #18 |
| Figure #3 | Terminal Block | #4 - #18 |
| <u>All Others:</u> | | |
| 80 to 200 amps | Terminal Pad | .313" dia. (diagram 1A) |
| Above 200 amps | Terminal Pad | .5" dia. (diagram 1B) |



1A - 0.313" Dia.
1B - 0.500" Dia.

DIAGRAM 1