

KLR Series Three Phase Reactors

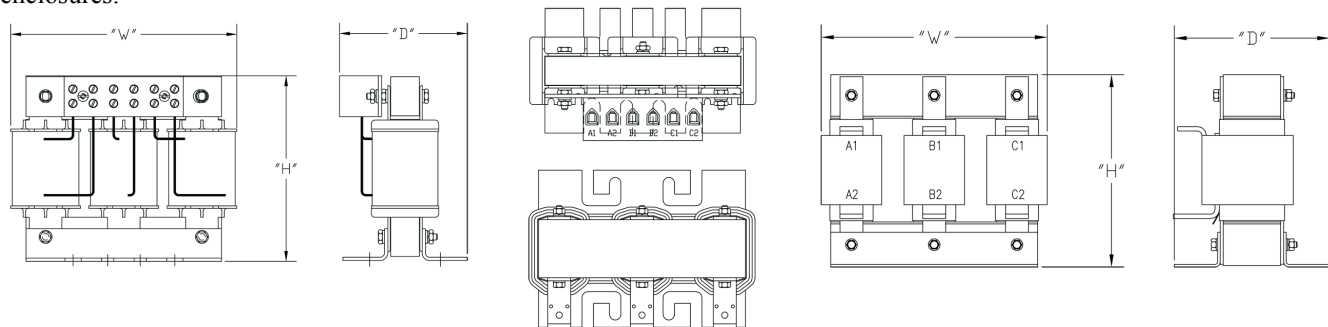
The industry-standard three phase reactor for drives

Characteristics

Impedance Protection:	2.4 to 3% eliminates bus overvoltage tripping 5 to 6% protects against physical damage to most drive components and offers harmonic reduction without added capacitance 1.5% is the recommended input minimum
System Voltage:	208/240 VAC, 480 VAC, 575/600 VAC, 690 VAC
Insulation System:	Class H (180° C) or Class R (220° C)
Temperature Rise:	115° C or 155° C
Ambient Temperature:	40° C
Altitude (Maximum):	1000 meters (Derating necessary above 1000 meters)
Fundamental Frequency:	60 hz
Short Term Overload Rating:	Tolerate 200% rated I for a minimum of 3 minutes
Agency Approvals:	CE Marked, UL and CUL Recognized
Inductance Characteristics:	Minimum 95%L at 110% Load Minimum 80%L at 150% Load
Input and Output:	Applicable on either the line or load side of a PWM drive
Inductance:	Distributed Gap Technology™
Enclosures:	Open, UL Type 1 and UL Type 3R enclosures available
Harmonics Reduction:	KLR Three Phase Reactors will reduce RMS current through the reduction in harmonic content, thereby improving the total power factor
Input Voltage Unbalance:	KLR Three Phase Reactor to the input of every drive will help balance the drive input line currents

KLRUL Reactors

All KLR Series Three Phase Reactors are UL component recognized. KLR Reactors are also available as UL Listed products. UL Type 1 and UL Type 3R enclosures are available for UL Listed Reactors. The enclosure you select for your reactor will depend on two things: the degree of protection the reactor must have against indoor and outdoor environments as well as the certification requirements of the installation. TCI offers NEMA 1 enclosures, UL Type 1 and UL Type 3R enclosures.



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Performance and Protection for Drives

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