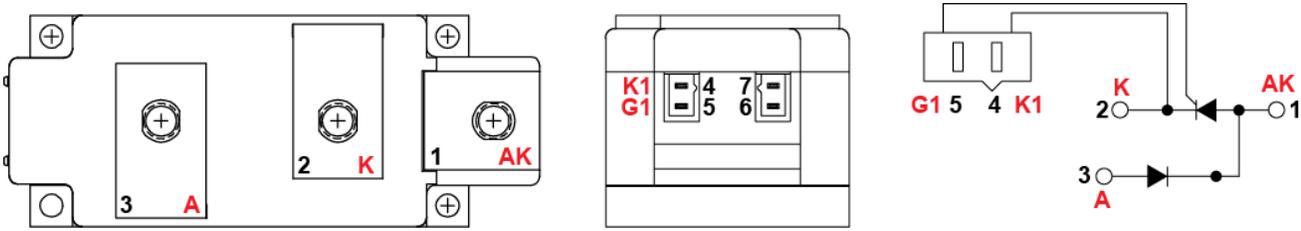


LD42 Module Terminal Locations

Because the LD42 modules currently do not have numerical characters marked on the cases, it is helpful to have a copy of the outline drawing and circuit schematic on hand for reference for those that are not familiar with the terminal locations.



Numerical Character	Terminal	Location
1	AK	Top of Module, Terminal Extends Past the Baseplate
2	K	Top of Module, Middle Terminal
3	A	Top of Module, Terminal Nearest to the Gate Pins
4	K1	Side of Module, Left Side Socket, Top Terminal
5	G1	Side of Module, Left Side Socket, Bottom Terminal

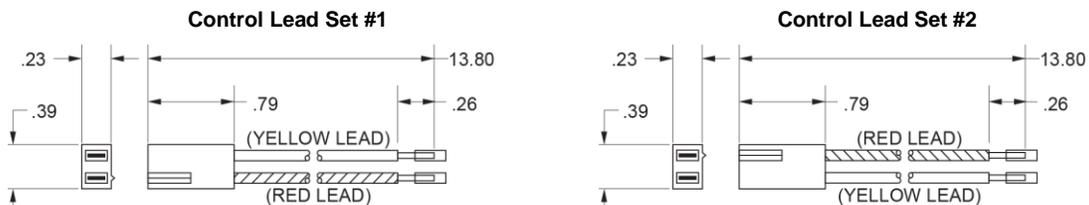
Module Lead Kits

Powerex offers module lead kits that simplify and assist with the proper connections to the corresponding terminal locations on the modules. The lead kits feature keyed plastic housings which limit the connection to one particular device in the module thus ensuring the correct orientation for the gate and cathode terminal connections.

For the SCR/Diode LD42 module, Powerex recommends the LEAD KIT #NL. As shown in the diagram below, the following connections would be made to the LEAD KIT #NL for use with the SCR/Diode LD42 module.

Numerical Connector	Terminal	Control Lead Set from Diagram	Wire
4	K1	1	RED
5	G1	1	YELLOW

Cathode and Gate Lead Kits



- WIRE COMPOSITION:** AWG 22, Tinned Copper Stranded Wire with ETEF Insulation Rated at 125°C
- LEAD COLOR:** Red (Cathode) and Yellow (Gate). Red Lead is Positioned next to Key on Black Polarized Housing
- RECEPTACLES:** Female Terminal with Locking Tab fits .11 x .03 in. Blades.

Module	Lead Kit to Order	Description
LD43, ND43, CD63, PD43 (Full Control)	#NK	Lead Set 1 & Lead Set 2 - One Each / Module
LD42, LS43, ND42, CD62 (Half Control)	#NL	Lead Set 1 - One / Module
LD47, ND47, CD67, PS43 (Half Control)	#NM	Lead Set 2 - One / Module