



Ground Lead Disconnecter

An arrester disconnecter is a device connected in series with an arrester that separates the ground lead from the bottom of the arrester if the arrester has overloaded and failed. It is also known as a ground lead disconnecter (GLD) or isolator.

The disconnecter has a breakable shell that is broken by explosion of a cartridge within the shell when excessive current flows across an arching gap. The disconnecter has a top electrode and a bottom electrode with the top electrode connected to the surge arrester and the bottom electrode connected to a connecting wire. An annular electrically conductive elastomer gasket is compressed between the upper and lower electrode to provide a high resistance current path around the arching gap and also to seal the cartridge from the outside atmosphere.

- **Following attractive features of LA Disconnectors:**

Isolation functions, Flexible, Ergonomic design, Safe and reliable, Superior performance, Reduced arc, Energy concentration, High fused short circuit capacity, Enhanced contact life .

- **Depending on the diameter different types of Insulating Bases are as below:**

1. 9LX05 : Disconnecter suitable for Discharge Current capability of 5kA.
2. 9LX10 : Disconnecter suitable for Discharge Current capability of 10kA.