Solenoid inductors

Inductive load units

Solenoid inductors NPT LD

High Inductance

Description

These inductors are distinguished by their highly linear inductance (LI) or (Lf). Their frequency dependence changes with the conductor and the cooling efficiency. Depending on requirements, the winding can be of copper or aluminium. Natural and forced air cooling are possible.

Technical data

Solenoid inductors NPT LD*						
Type	**Nominal voltage**	**Nominal current**	**Inductance**	**Copper approx.**	**Weight approx.**	**IP Code**
LD 7,2	500 V	12 A	50 mH	19 kg	21 kg	IP 00
LD 115	1000 V	107 A	10 mH	75 kg	100 kg	
LD 145	1000 V	189 A	4 mH	36 kg	46 kg	
LD 173	350 V	350 A	1,4 mH	56 kg	70 kg	
LD 206	750 V	250 A	3,3 mH	32 kg	45 kg	
LD 317	1000 V	310 A	3,3 mH	52,4 kg	65 kg	
LD 1180	750 V	530 A	4 mH	114 kg	145 kg	
LD 1200	1500 V	480 A	5,2 mH	140 kg	160 kg	
LD 2240	1000 V	800 A	3,5 mH	285 kg	375 kg	
LD 2500	1650 V	400 A	10 mH	298 kg	520 kg	

* Other voltages and loads are also available on request.