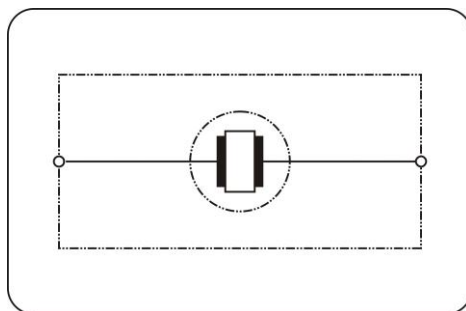
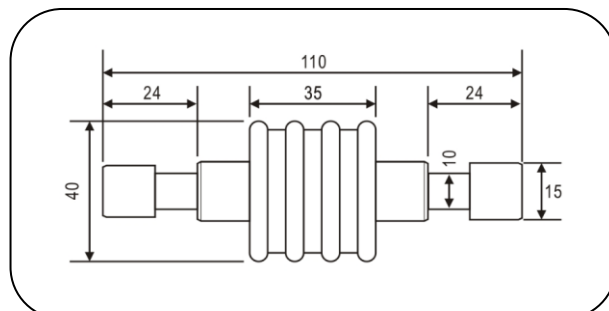


## Isolating Spark Gap

LEB100D230



Basic circuit diagram



Dimension drawing

PROSURGE **LEB100D230** series is designed for lightning equipotential bonding, especially for connection of separated earthing systems.

Technical Features

- Up to 100kA 10/350 lightning impulse current discharge capacity
- $\Phi 10\text{mm}$  copper terminal
- IP 65 design, for mounting inside of buildings, out-doors, in damp rooms as well as for underground installation.
- Extremely loadable unit

Technical Data

Part No.		LEB100D230
In accordance with		IEC 61643-11, IEC62305
Power Frequency Withstand Voltage	Uw	$\leq 230\text{VAC}$
Lightning impulse current (10/350 $\mu\text{s}$ )	Iimp	100kA
Nominal discharge current (8/20 $\mu\text{s}$ )	In	100kA
100% lightning impulse sparkover voltage	Uas	$\leq 1.5\text{kV}$
Power frequency sparkover voltage (50Hz)	Uaw	$\leq 400\text{V}$
Operating temperature range		$-40^{\circ}\text{C} \dots +80^{\circ}\text{C}$
Length of enclosure	L	101mm
Diameter of enclosure	D	39mm
Enclosure material		Orange thermoplastic, UL94-V0
Connection		Rd 10 mm
Material (connection)		Stainless Steel
Degree of Protection		IP65

Important note:

*It is not safe practice to have separate earthing system, any potential difference between two earthing system could create a large enough step voltage and endanger human being.*

[LEB100D230 instruction diagram:](#)

