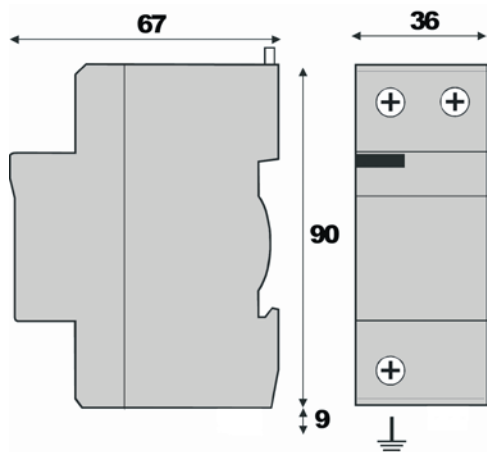


ED100 N-PE



This Spark Gap is designed to connect bonding networks or to be use in association with the ED150 Surge protection Device to realize surge common and differential protection diagram for 3Ph+N (or 1Ph+N) TT network (connection between Neutral and PE). The ED100 N-PE Spark gap is based on a heavy duty Gas Discharge Tube. This component could provide low (less than 1200V)

and controlled sparkover voltage (which is not the case on the standard spark gaps based on a air gap technology). Its discharge capacity and low sparkover voltage make it efficient against direct and indirect effects of lightning. The ED100 N-PE is provided in a DIN rail mounting box similar to the ED150 SPD which will ease the mechanical mounting.



Technical data	ED100 N-PE
Nom. voltage	230/400V
Nom. discharge current (8/20 μ s-15ggr) I_N	50kA
Max. discharge current (8/20 μ s) I_{MAX}	100kA
Max.lightning current (10/350 μ s) I_{imp}	50kA
Response time	<100ns
Temperature area	-40/+80°C
Plastic material	UL94V0
Connection area	4-35mm ²