

Combination arrester, 1-pole NPE



Combination arrester, lightning current arrester, type 1+2, N-PE, for use in TN-S and TT networks.

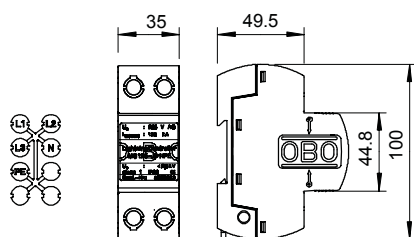
MCD 125-B/NPE: Coordinated N-PE spark gap, type 1+2 to EN 61643-11. For interface 0 to 2 (LPZ) in accordance with lightning protection zone concept to IEC 61312-1 and/or VDE 0185-305.

- Arresting capacity 125 kA (10/350 μ s)
- Conforms to VDN Directive 2nd Edition 2004
- Incl. plug caps for identifying the connections
- Protection level < 1.5 kV, allows device protection
- Encapsulated, non-extinguishing spark gap

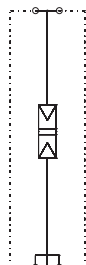
Application: Industrial systems and buildings with external lightning protection of Classes I to IV.

Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
MCD 125-B NPE	255	NPE	1	46,500	5096865

Dimensions



Connection options



MCD 125-B NPE

Nominal voltage V	U_N	230
SPD to EN 61643-11		—
SPD to IEC 61643-11		Type 1+2
Lightning protection zone LPZ		Class I+II
Impulse discharge current (10/350) kA	I_{imp}	0→2
Total discharge current (10/350) kA	I_{total}	125
Nominal discharge current (8/20) kA	I_n	125
Arrester surge current (8/20) [total] kA	$I_{total 8/20}$	125
Protection level (N-PE) kV		< 1.5
Response time ns	t_A	< 100
Follow current quenching capacity (eff) [N-PE] kA	I_f	0.1
Temperature range °C	θ	-40+85
Division unit TE (17.5 mm)		2
Protection rating		IP20
Approvals		VDE
Connection cross-section rigid mm ²		10-50
Connection cross-section, multi-wire mm ²		10-35
Connection cross-section, flexible mm ²		10-25