

Technical data sheet

VG housing with MCD 50-B/3

Item no. 5096874



Combination arrester, pre-installed in IP65 housing for use in TN-C networks.

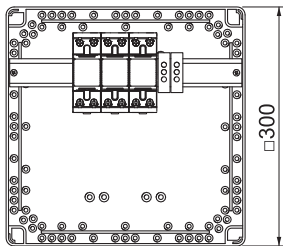
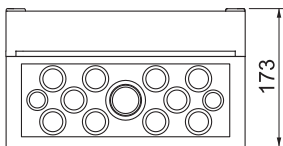
VG...: Combination arrester system solution, type 1+2, according to EN 61643-11.

- LightningController MCD 50-B mounted in insulating housing IP 65, sealable housing
- Pulse current 150 kA 10/350 µs / 50 kA (10/350) per pole, BET-tested
- Protection level < 1.7 kV
- Encapsulated, non-extinguishing spark gaps
- Suitable for TN-C network systems

Application example: The system solution is used in the pre-meter area according to VDE-AR-N 4100.



Dimensions



Length	300,00 mm
Width	300,00 mm
Height	170,00 mm

Master data

Item no.	5096874
Type	MCD 50-B 3-VG
Description 1	Coordinated Lightning Controller
Description 2	set type 1 arrester in housing
Dimension	255V
Smallest sales unit (VG)	1 Piece
Weight	315,00 kg/100 pc.

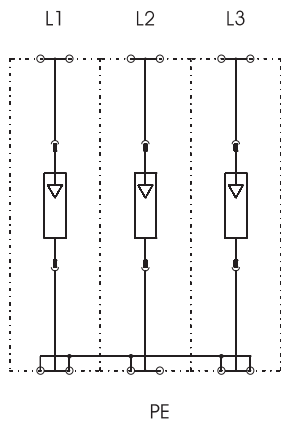
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SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Test class, type 1	<input checked="" type="checkbox"/>
Test class, type 2	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Nominal discharge current (8/20)	50 kA
Rated current	125,00 A
Impulse discharge current (10/350)	50,00 kA
Lightning surge current (10/350)	150,00 kA
Arrester surge current (8/20) [total]	150,00 kA
Protection level	< 1,7 kV
Protection level (L-N)	< 1,7 kV
Follow current quenching capacity left	10,00 kA
Response time	<100 ns
Maximum back-up fuse	500,00 A
Temperature range	-40-+85 °C
Pole version	3
Version	3-pole
Mounting type	Pre-mounted in the housing
Installation type	Pre-mounted in the housing
Protection rating	IP54
Protection rating	IP 54
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	6
Telecommunications contact	<input type="checkbox"/>
Connection cross-section, flexible	10,00 - 25,00 mm ²
Connection cross-section, rigid	10,00 - 50,00 mm ²
Connection cross-section, multi-wire	10,00 - 35,00 mm ²