Combination arrester V50-B+C

Lightning equipotential bonding for lightning protection class III and IV

Lightning and surge protection for all networks from TN to TT







Correct lightning equipotential bonding according IEC 62305

CombiController V50-B+C

Modular, multipole arrester (Type 1 and Type 2) for correct lightning equipotential bonding. With a lightning current arresting capability of 50,000 A, the V50-B+C is the ideal solution for proper protection in buildings with an external lightning protection system according to IEC 62305.

This means that the V50-B+C combines lightning and surge voltage protection in one device. Based on the valid national and international standards, the tried and trusted combination of high performance zinc oxide varistors and an N-PE spark gap is an arrester for many different applications.

The multiple connection terminal means, that V-wiring to other devices is possible using cables and comb rail.

Technical data

V 50-B+C/3+NPE:

Combination arrester, type 1+2 lightning and surge voltage arrester according to DIN EN 61643-11 (B+C according to VDE 0675 Part 6).

- For lightning equipotential bonding according to IEC 62305
- Suitable for TN- and TT-systems
- Complete unit consisting of upper and lower part, pre-mounted and ready for connection
- Plug-in arrester with dynamic disconnector
- With visual function display
- Protection level < 1,3 kV</p>
- Enclosed, non-extinguisting zinc oxide varistor arrester for use in standard distribution housings
- Labelled connections
- FS variant with remote signal contact (potential-free NO contact)

Application: Lightning equipotential bonding in buildings with external lightning protection of classes III and IV and in standard distribution housings.





Fast and convenient to mount



Туре	Design	ArtNo.
V50-B+C/3	for TN-C systems	5093 62 7
V50-B+C/3-FS	for TN-C systems with remote signal contact	5093 64 3
V50-B+C/3+NPE	for TN-S and TT systems	5093 65 4
V50-B+C/3+NPE -FS	for TN-S and TT systems with remote signal contact	5093 66 2
MB 50-3+NPE	Base for TN-S and TT	5096 67 5
MB 50-3+NPE -FS	Base for TN-S and TT with remote signal contact	5096 67 7
V50-B+C/0	Upper part	5093 72 4

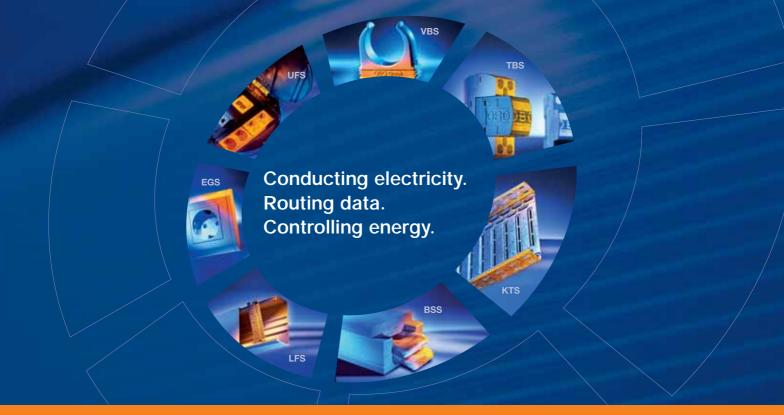
Technical data	V50-B+C	
	L-N	N-PE
Maximum continuous operating voltage $\ensuremath{\text{U}_{\text{c}}}$	280 V ∼ 350 V ∼	255 V 50-60 H _z
LPZ	0 → 2	0 → 2
I _{imp} (10/350)	12,5 kA	50 kA
I _{max} (8/20)	50 kA	50 kA
I _n (8/20)	30 kA	50 kA
U_P	≤ 1,3 kV	≤ 1,5 kV
	125 AgL/gG	-

In all versions, the new combination arresters V50 (Type 1 and Type 2) have multicontact terminals for cable and comb rail connection.

The connectable upper parts can be rotated through 180° and can thus be installed as required.

The optional remote signal contact (NO) can signal the function to an alarm system.





VBS Connection and fastening systems

Junction box systems

Flush-mounted and hollow wall systems

Clamped systems

Cable fastening systems

Plastic cable/pipe fastening systems

Metal cable/pipe fastening systems

Special cable/pipe fastening systems

Pipe systems

Beam clamp systems

Rail systems

BBS clamp clip systems

Screw-in and knock-in systems

TBS Transient and lightning protection systems

Surge protection systems

Equipotential bonding systems

Lightning protection systems

Earthing systems

KTS Cable support systems

Mounting systems

Cable tray systems

Mesh cable tray systems

Cable ladder systems

Wide span systems

Vertical ladder systems

Luminaire support systems

Modular systems

Stainless steel systems

Function maintenance systems and escape route installation systems

BSS Fire protection systems

Cable insulation systems

Escape route installation systems

Fire protection trunking systems

Function maintenance systems

LFS Cable routing systems

Plastic cable routing systems

Metal cable routing systems

Skirting trunking systems

Wiring trunking systems

Plastic wall trunking base systems

Sheet steel wall trunking base systems

Aluminium wall trunking base systems

Power post systems

Device systems

Fire protection trunking systems

EGS Device systems

Switch systems

OBO B.U.S systems

Intelligent Workstation System

Energy distribution systems

Modul 45 systems

Computer engineering systems

Industrial and special connector systems

UFS Underfloor systems

Underfloor systems, screed-covered

Underfloor systems, flushfloor open

Underfloor systems, flushfloor closed

Underfloor systems, in-concrete

Onfloor systems

Device installation systems

Modul 45 systems and data technology

Fire protection systems

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