

Link boxes type LB

for a reliable grounding of
high voltage cable systems



Link boxes for a reliable grounding of high voltage cable systems

Reliable HV cable systems demand optimal power loss management. Brugg link boxes for HV joints and terminations have been particularly designed to assure an easy access to all types of installations and cable grounding configurations.



Features	Advantages	Benefits
Compact dimensions	Applicable for all kind of joint bays	Reduced infrastructure costs at installation site
Corrosion resistant stainless steel casing	Highest degree of mechanical and moisture protection with light weight	Flexible adaptation to all installation sites
Electrical and mechanical routine tests during manufacturing	Highest quality of materials	Long life and maximum reliability of your cable systems
Bolted technology	Easy to install without the need of special tools	Reduction of installation and maintenance costs
Wide application range of cable cross section	Universal application with same solution	Reduction of stock costs

Link boxes LB68 for HV joints

Fully submersible up to 1 m of water depth, the stainless steel enclosure provides excellent water and mechanical protection. The dust proof design fulfills the requirements of IP68 class protection according to the international standard IEC 60529. The three-phase box design is available with or without sheath voltage limiter (SVL) for cross bonding or direct grounding purposes of single core or coaxial bonding cables up to 300 mm².



Product selection table LB68 for HV joints

Link box	Grounding	Drawing	Bonding cable	SVL Ur
LB68 E3.GKN	Direct grounding	S1600-4	Coaxial	–
LB68 E3. GN	Direct grounding	S1667-4	Single core	–
LB63 E3.GKN SVL--	Single bonding with SVL	S1601-4	Coaxial	3, 6, 9, 10 kV
LB68 E3. GN SVL--	Single bonding with SVL	S1668-4	Single core	3, 6, 9, 10 kV
LB68 C3.GKN SVL--	Cross bonding	S1599-4	Coaxial	3, 6, 9, 10 kV



Link boxes LB66 for HV terminations

We offer a full range of single phase boxes for single core bonding cables up to 300 mm². According to the termination grounding system the boxes are available with removable disconnecting links, sheath voltage limiter (SVL) or their combination. All boxes fulfill the requirements of IP66 protection class according to the international standard IEC 60529. Thanks to the stainless steel casing and anti-corrosion paint the boxes are also applicable in harsh saline environments.

Product selection table LB66 for HV terminations

Link box	Grounding	Drawing	Cross section application	SVL Ur
LB66 E1.GN	Direct grounding	S1981-4	95-300 mm ²	–
LB66 E1.GN-SVL	Single bonding with SVL	S1982-4	95-300 mm ²	3, 6, 9, 10 kV
LB66 E1.GN-B-SVL	Single bonding with blade switch and SVL	S1983-4	95-300 mm ²	3, 6, 9, 10 kV

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Please find more details on the courses currently offered in the online documentation www.bruggcables.com/academy.

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