



LINK BOX TECHNICAL DATA SHEET

Drw. No. **19.04.01**
Article No. **23201001/0**

Issued Date: 4.08.2021
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Rev. 00

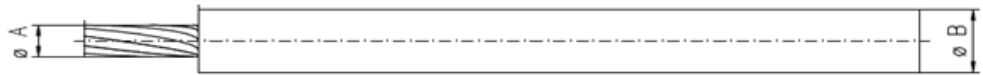
Type	LB. MV . CB .3SA . 6 . 1		
- Description	Medium Voltage Cross-Bonding Link Box for Single Cable		
- Designation	Underground		
- Bonding	Cross-Bonding		
- Sheath Voltage Limiter	qty	3	
- Phase No.	6		
Earth	1		
Drawing Number	19.04.01		
- Article No	23201001/0		
Electrical Characteristics			
- Rated Frequency	50/60	Hz	
- SVL Type (*)	Up to 6 kV / Optional		
Protection Class			
	IP	68	
Material			
- Enclosure	Stainless Steel AISI304 (AISI316 optional)		
- Body Thickness (**)	2 mm		
- Cover Thickness	2 mm		
- Connection Links	10 µm Tinned Electrolytic Copper		
- Connection Links Dimension	30x3 (90 mm2)		
- Gasket	Silicone		
- Cable Glands	7x21 mm		
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube		
- Insulation	Epoxy Support Insulator		
- Conductor Fixing	Cable Lug - Max. 50 mm2		
- Painting Process	Electro Static Polyester Powder Paint		
- Painting Code	RAL 7032		
- Labeling Material	Stainless Steel		
- Protection Cover	N/A		
AC Impulse Test			
- Phase-to-Phase	35	kV	
- Phase-to-Earth	17,5	kV	
Voltage Withstand Test			
- AC	10	kV/1 min	
- DC	15	kV/5 min	
Short Circuit Test			
- Symmetrical	15	kA/1sec	
Internal Power Arcing Test (Symmetrical)			
	10	kA/0.1 sec	

* In case of mismatch in given values, technical drawing provided along with the Order Confirmation is valid. Ask for conformity if SVL is out of EMELEC's scope.

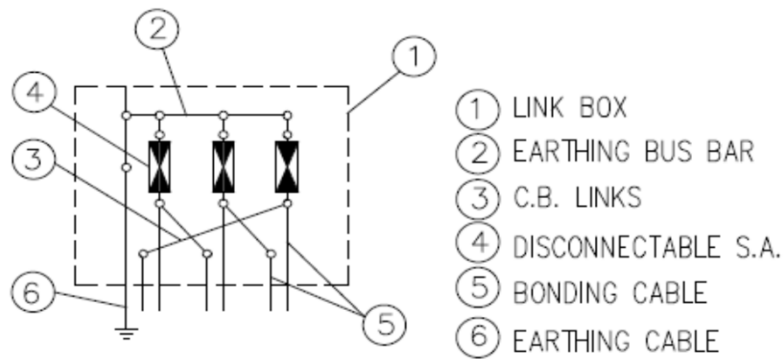
** Body Thickness might differ related to technical drawing revision. For exact value, refer to technical drawing provided along with the Order Confirmation

Bonding Cable

- Type										Single
Gland Dia		A		B		C		D		
Cross-Section (mm2)	Outer (mm)	Inner (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)
Max 50 mm2	21	17	11	8	15	N/A	N/A	N/A	N/A	



Schematic Diagram



Enclosure Dimensions (*)

Width	450 mm
Length	380 mm
Heigh	210 mm
Weigth	20 kg

Filling Compound (Optional)

Volume	N/A
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* Scheme and dimensions are not to be mentioned as final drawing. For exact dimensions, refer to technical drawing provided along with the Order Confirmation
** Given are approximate values. Actual values might slightly differ.