



## LINK BOX TECHNICAL DATA SHEET

**Drw. No. 19.04.02**  
**Article No. 23202001/0**

*Issued Date:* 4.08.2021  
*Rev. Date:* -  
*Rev.* 00

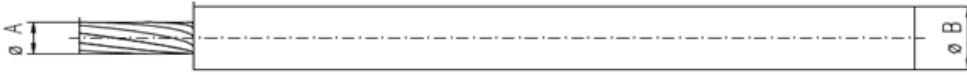
Type	LB. MV . E . 6 . 1
- Description	Medium Voltage Earthing Link Box for Single Cable
- Designation	Underground
- Bonding	Earthing
- Sheath Voltage Limiter	N/A
- Phase No.	6
Earth	1
<b>Drawing Number</b>	<b>19.04.02</b>
- Article No	23202001/0
<b>Electrical Characteristics</b>	
- Rated Frequency	50/60 Hz
- SVL Type (*)	N/A
<b>Protection Class</b>	<b>IP 68</b>
<b>Material</b>	
- 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 mm <sup>2</sup> )
- 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 mm <sup>2</sup>
- Painting Process	Electro Static Polyester Powder Paint
- Painting Code	RAL 7032
- Labeling Material	Stainless Steel
- Protection Cover	N/A
<b>AC Impulse Test</b>	
- Phase-to-Phase	N/A kV
- Phase-to-Earth	17,5 kV
<b>Voltage Withstand Test</b>	
- AC	10 kV/1 min
- DC	15 kV/5 min
<b>Short Circuit Test</b>	
- Symmetrical	15 kA/1sec
<b>Internal Power Arcing Test (Symmetrical)</b>	
	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.

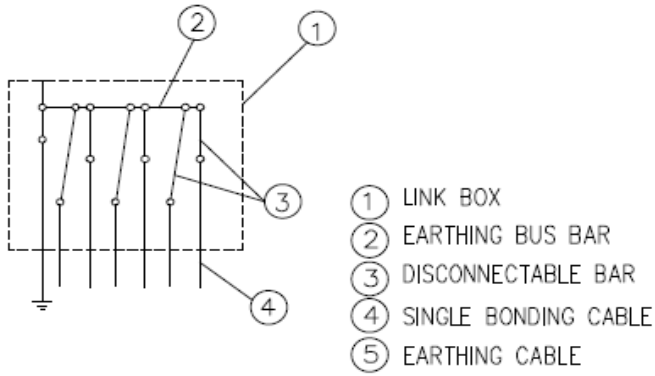
\*\* Body Thickness might differ related to technical drawing revision. For exact value, refer to technical drawing provided along with the Order Confirmation

**Bonding Cable**

- Type											Single
Cross-Section (mm <sup>2</sup> )	Gland Dia		A		B		C		D		
	Outer (mm)	Inner (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)	
Max 50 mm <sup>2</sup>	21	17	11	8	15	N/A	N/A	N/A	N/A	N/A	



**Schematic Diagram**



**Enclosure Dimensions (\*)**

Width	450 mm
Length	380 mm
Height	200 mm
Weight	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.