



## LINK BOX TECHNICAL DATA SHEET

Drw. No. **08.11.06**  
Article No. **010706001/0**

Issued Date: 12.08.2021  
Rev. Date: -  
Rev. 00

Type	LB. W. E	. 1. 1
- Description	One Phase Earthing Link Box for Single Cable	
- Designation	Wall Type	
- Bonding	Earthing	
- Sheath Voltage Limiter	N/A	
- Phase No.	1	
Earth	1	
Drawing Number	08.11.06	
- Article No	010706001/0	
Electrical Characteristics		
- Rated Frequency	50/60	Hz
- SVL Type (*)	N/A	
Protection Class		
	IP	66
Material		
- Enclosure	Stainless Steel AISI304 (AISI316 optional)	
- Body Thickness (**)	2 mm	
- Cover Thickness	3 mm	
- Connection Links	10 µm Tinned Electrolytic Copper	
- Connection Links Dimension	50x10 mm (500 mm2)	
- Gasket	Silicone	
- Cable Glands	2x48 mm	
- Cable Glands Insulation	Silicone gasket & EPR tape	
- Insulation	Epoxy Support Insulator	
- Conductor Fixing	Conductor Flexconn - 400-500 mm2	
- Painting Process	Electro Static Polyester Powder Paint	
- Painting Code	RAL 7032	
- Labeling Material	Stainless Steel	
- Protection Cover	PET-G	
AC Impulse Test		
- Phase-to-Phase	N/A	kV
- Phase-to-Earth	40	kV
Voltage Withstand Test		
- AC	20	kV/1 min
- DC	25	kV/5 min
Short Circuit Test		
- Symmetrical	63	kA/1sec
Internal Power Arcing Test (Symmetrical)		
	40	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

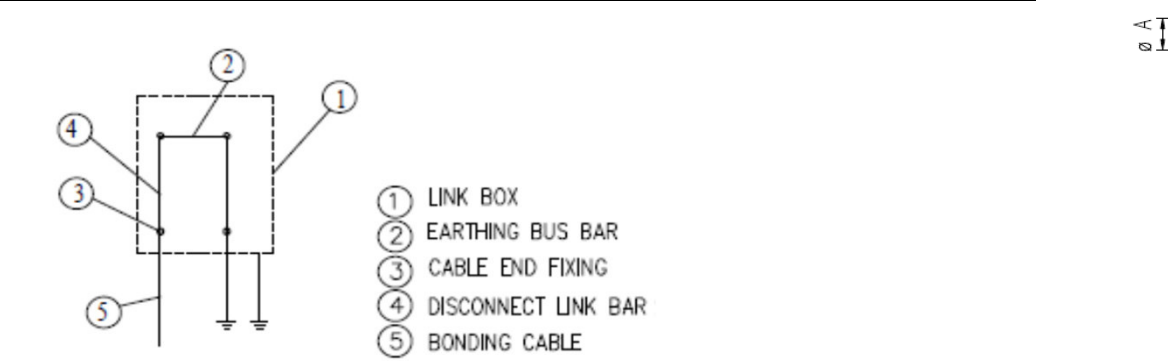
**Bonding Cable**

- 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)
300-500	48	44	20	28	22	40	N/A	N/A	N/A	N/A



ø A

**Schematic Diagram**



ø A

**Enclosure Dimensions (\*)**

Width	500 mm
Length	600 mm
Height	390 mm
Weight	48 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.