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

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*   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
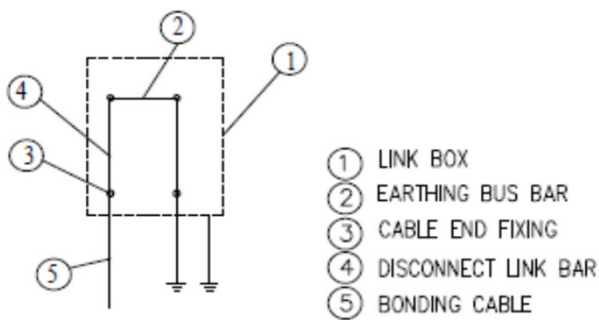
Bonding Cable

Cross-Section (mm2)	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)
300-500	48	44	20	28	22	40	N/A	N/A	N/A	N/A

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Schematic Diagram

① LINK BOX
② EARTHING BUS BAR
③ CABLE END FIXING
④ DISCONNECT LINK BAR
⑤ BONDING CABLE

Enclosure Dimensions (*)

Width	500 mm
Length	600 mm
Heigh	390 mm
Weigth	48 kg

Filling Compund (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 sligthly differ.

LINK BOX SPECIFICATION SHEET