LINK BOX TECHNICAL DATA SHEET

Drw. No. 13.10.39
Article No. 16639001/0

Issued Date:	*10.05.2019*
Rev. Date:	*12.10.2021*
Rev.	*02*

Type	**LB. P . E . 3 . 1**
- Description	Three Phase Earthing Link Box for Single Cable
- Designation	Pedestal
- Bonding	Earthing
- Sheath Voltage Limiter	N/A
- Phase No.	3
Earth	1
Drawing Number	13.10.39
- Article No	16639001/0

Electrical Characteristics		
- Rated Frequency	50/60	Hz
- SVL Type (*)		N/A

Protection Class	IP 67

Material	
- Enclosure	Stainless Steel AISI304 (AISI316 optional)
- Body Thickness (**)	3 mm
- Cover Thickness	3 mm
- Connection Links	10 µm Tinned Electrolytic Copper
- Connection Links Dimension	50x10 mm (500 mm2)
- Gasket	Silicone
- Cable Glands	4x48 mm
- Cable Glands Insulation	Silicone gasket & EPR tape
- Insulation	Epoxy Support Insulator
- Conductor Fixing	Conductor Flexconn - 300-500 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	62,5	kV

Voltage Withstand Test		
- AC	10	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

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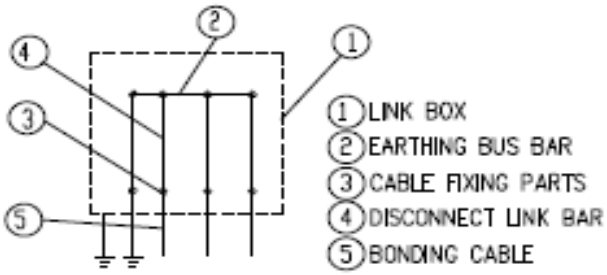
Bonding Cable

- Type: Single

Cross-Section (mm2)	Gland Dia Outer (mm)	Gland Dia Inner (mm)	A min (mm)	A max (mm)	B min (mm)	B max (mm)	C min (mm)	C max (mm)	D min (mm)	D max (mm)
300-500	48	44	20	28	22	40	N/A	N/A	N/A	N/A

Schematic Diagram



Enclosure Dimensions (*)

Width	940	mm
Length	1200	mm
Heigth	470	mm
Weigth	125	kg

Filling Compund (Optional)

Volume	N/A

* 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 slighly differ.