



EMELEC

LINK BOX TECHNICAL DATA SHEET

Drw. No. **10.04.01**
Article No. **12401001/0**

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

Type	LB. P . CB .3SA . 3 . 1	
- Description	Three Phase Cross Bonding Link Box for Coaxial Cable	
- Designation	Pedestal	
- Bonding	Cross-Bonding	
- Sheath Voltage Limiter	qty 3	
- Phase No.	3	
Earth	1	

Drawing Number 10.04.01
- Article No. 12401001/0

Electrical Characteristics

- Rated Frequency	50/60	Hz
- SVL Type (*)	Up to 18 kV	/ Optional

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 mm ²)	
- Gasket	Silicone	
- Cable Glands	3x89 mm & 1x48 mm	
- Cable Glands Insulation	Silicone gasket & EPR tape & Heat Shrinkable Tube	
- Insulation	Epoxy Support Insulator	
- Conductor Fixing	Coaxial Flexconn - 400-500 mm ²	
- 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	125	kV
- Phase-to-Earth	62,5	kV

Voltage Withstand Test

- AC	20	kV/1 min
- DC	25	kV/5 min

Short Circuit Test

- Symmetrical	63	kA/1sec

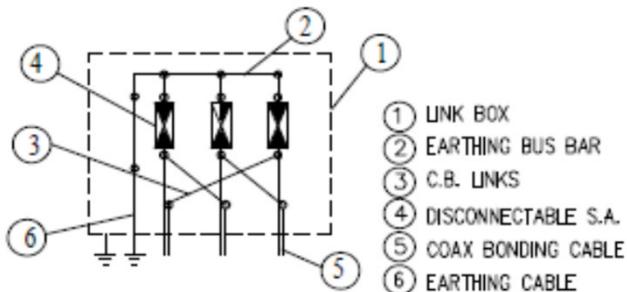
Internal Power Arcing Test (Symmetrical) 40 kA/0.1 sec

* 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

Coaxial										
Cross-Section (mm ²)	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)
400-500	88,9	84,9	20	28	28	45	36	56	45	77


Schematic Diagram**Enclosure Dimensions (*)**

Width	940 mm
Length	1203 mm
Height	540 mm
Weight	200 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.