LINK BOX TECHNICAL DATA SHEET

Drw. No. 12.08.02
Article No. 15202001/0

Issued Date:	*10.05.2019*
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Rev.	*03*

Type		**LB. U . CB .3SA . 3 . 1**
- Description	Three Phase Cross-Bonding Link Box for Coaxial Cable	
- Designation	Underground	
- Bonding	Cross-Bonding	
- Sheath Voltage Limiter	qty	3
- Phase No.		3
Earth		1
Drawing Number		12.08.02
- Article No		15202001/0

Electrical Characteristics		
- Rated Frequency	50/60	Hz
- SVL Type (*)	Up to 10 kV / Optional	

Protection Class	IP 68

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	3x89 mm & 1x48 mm
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube
- Insulation	Epoxy Support Insulator
- Conductor Fixing	Coaxial 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	60	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.

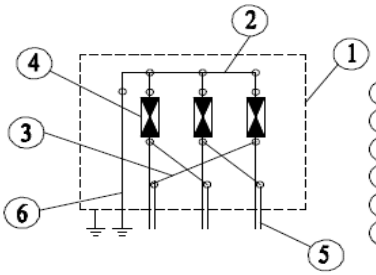
** Body Thickness might differ related to technical drawing revision. For exact value, refer to technical drawing provided along with the Order Confirmation

Bonding Cable

- Type: Coaxial

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)
400-500	88,9	84,9	20	28	28	45	36	56	45	77

Schematic Diagram



1. LINK BOX
2. EARTHING BUS BAR
3. C.B. LINKS
4. DISCONNECTABLE S.A.
5. COAX BONDING CABLE
6. EARTHING CABLE

Enclosure Dimensions (*)

Width	690 mm
Length	670 mm
Heigth	334 mm
Weigth	95 kg

Filling Compund (Optional)

Volume	62 lt (**)

* 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.