LINK BOX TECHNICAL DATA SHEET

Drw. No. 09.12.05
Article No. 12005001/0

Issued Date:	*10.05.2019*
Rev. Date:	*12.08.2021*
Rev.	*02*

Type		**LB. U . SB .6SA . 3 . 1**
- Description		Both Ends S.Point Bonding Link Box for Coaxial Cable
- Designation		Underground
- Bonding		Single Point
- Sheath Voltage Limiter	qty	6
- Phase No.		3
Earth		1
Drawing Number		09.12.05
- Article No		12005001/0

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 (**)	2 mm
- Cover Thickness	3 mm
- Connection Links	10 µm Tinned Electrolytic Copper
- Connection Links Dimension	40x10 mm (400 mm2)
- Gasket	Silicone
- Cable Glands	3x76 mm & 1x48 mm
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube
- Insulation	Epoxy Support Insulator
- Conductor Fixing	Coaxial Flexconn - 95-400 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	75	kV
- Phase-to-Earth	40	kV

Voltage Withstand Test		
- AC	20	kV/1 min
- DC	25	kV/5 min

Short Circuit Test	
- Symmetrical	

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

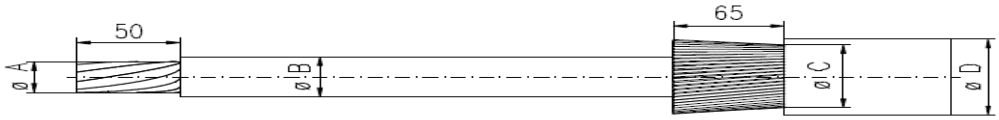
* In case of mismatch in given values, technical drawing provided along with the Order Confirmation is valid. Ask for conformity if SVL is out of EMELEC's scope.

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

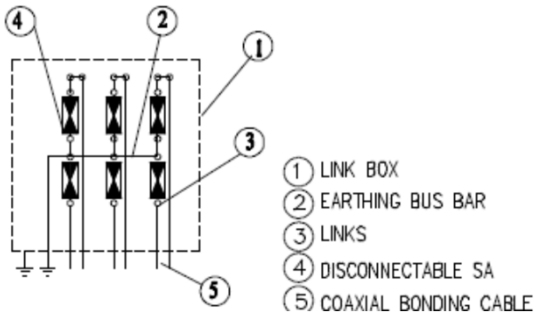
Bonding Cable

- Type: Coaxial

	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)
95-400	76	72	12	24	20	36	25	48	30	64



Schematic Diagram



Enclosure Dimensions (*)

Width	690 mm
Length	670 mm
Heigth	354 mm
Weigth	80 kg

Filling Compund (Optional)

Volume	58 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.