



LINK BOX TECHNICAL DATA SHEET

Drw. No. **17.03.03**
Article No. **20703001/0**

Issued Date: 12.10.2021
Rev. Date: -
Rev. 00

Type	LB. U . SB .6SA . 6 . 1
- Description	Both Ends Single Point Bonding Link Box with SVL for Single Cable
- Designation	Underground
- Bonding	Single Point
- Sheath Voltage Limiter	qty 6
- Phase No.	6
- Earth	1
Drawing Number	17.03.03
- Article No	20703001/0
Electrical Characteristics	
- Rated Frequency	50/60 Hz
- SVL Type (*)	Up to 18 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	50x10 mm (500 mm ²)
- Gasket	Silicone
- Cable Glands	6x48 mm & 1x48
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shrinkable Tube
- Insulation	Epoxy Support Insulator
- Conductor Fixing	Conductor Flexconn - 300-500 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	60 kV
- Phase-to-Earth	30 kV
Voltage Withstand Test	
- AC	20 kV/1 min
- DC	25 kV/5 min
Short Circuit Test	
- Symmetrical	N/A
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



LINK BOX TECHNICAL DATA SHEET

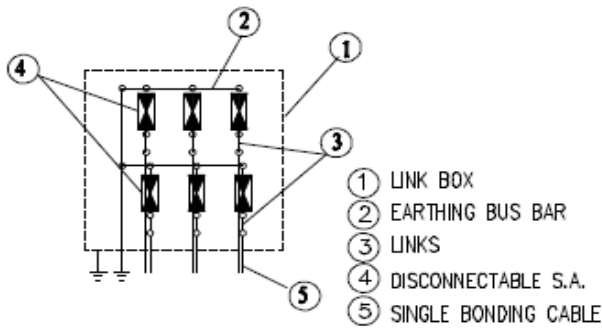
Bonding Cable

- Type Single

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)
300-500	48	44	20	28	22	40	N/A	N/A	N/A	N/A



Schematic Diagram



Enclosure Dimensions (*)

Width	690 mm
Length	670 mm
Height	389 mm
Weight	85 kg

Filling Compound (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 slightly differ.