LINK BOX TECHNICAL DATA SHEET

Drw. No. 19.03.13
Article No. 23113001/0

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

Type		**LB. U . CB .3SA . 6 . 1**
- Description	Three Phase Cross-Bonding Link Box with Transparent Window for Single Cable	
- Designation		Underground
- Bonding		Cross-Bonding
- Sheath Voltage Limiter	qty	3
- Phase No.		6
Earth		1
Drawing Number		19.03.13
- Article No		23113001/0

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	40x10 mm (400 mm2)
- Gasket	Silicone
- Cable Glands	6x48 mm & 1x48
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube
- Insulation	Epoxy Support Insulator
- Conductor Fixing	Conductor 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	50	kA/1sec

Internal Power Arcing Test (Symmetrical)	N/A

* 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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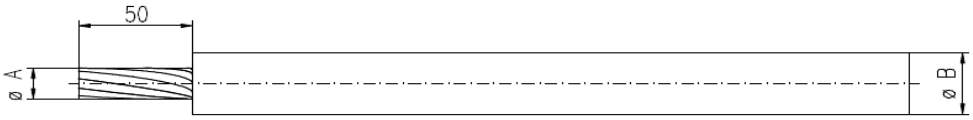
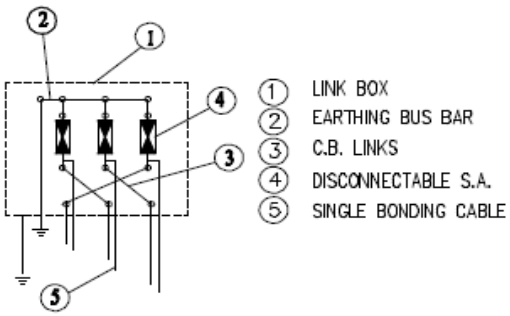
Bonding Cable

- 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)
95-400	48	44	12	24	17	40	N/A	N/A	N/A	N/A



Schematic Diagram



Enclosure Dimensions (*)

Width	690 mm
Length	670 mm
Heigth	389 mm
Weigth	70 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.