LINK BOX TECHNICAL DATA SHEET

Drw. No. 08.08.04
Article No. 010404001/0

Issued Date:	*10.05.2019*	
Rev. Date:	*12.08.2021*	
Rev.	*01*	

Type		LB. W . E .3SA . 3 . 1
- Description		Three Phase Earthing Link Box with SVL for Single Cable
- Designation		Wall Type
- Bonding		Earthing
- Sheath Voltage Limiter	qty	3
- Phase No.		3
Earth		1
Drawing Number		08.08.04
- Article No		010404001/0

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

Protection Class	IP	66

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 mm2)
- Gasket		Silicone
- Cable Glands		4x48 mm
- Cable Glands Insulation		Silicone gasket & EPR tape
- Insulation		Epoxy Support Insulator
- Conductor Fixing		Conductor 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	75	kV
- Phase-to-Earth	37,5	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
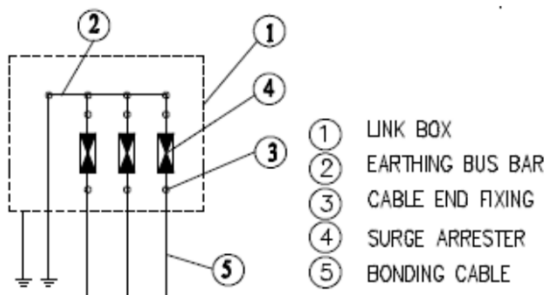
LINK BOX SPECIFICATION SHEET

Bonding Cable

- Type   Single

	Gland Dia		A		B		C		D	
Cross-Section	Outer	Inner	min	max	min	max	min	max	min	max
(mm2)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
300-500	48	44	20	28	22	40	N/A	N/A	N/A	N/A

Schematic Diagram

1. LINK BOX
2. EARTHING BUS BAR
3. CABLE END FIXING
4. SURGE ARRESTER
5. BONDING CABLE

Enclosure Dimensions (*)

Width	800 mm
Length	650 mm
Heigh	390 mm
Weigh	66 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 sligthly differ.