



## LINK BOX TECHNICAL DATA SHEET

Drw. No. **12.08.03**  
Article No. **15203001/0**

Issued Date: 10.05.2019  
Rev. Date: 12.10.2021  
Rev. 03

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	12.08.03		
- Article No	15203001/0		
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	4x48 mm		
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shrinkable Tube		
- 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	60	kV	
- Phase-to-Earth	40	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



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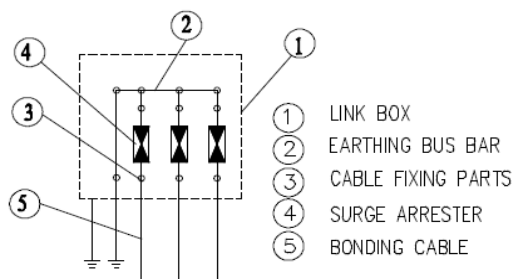
### Bonding Cable

- Type ..... Single

Cross-Section (mm <sup>2</sup> )	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	750 mm
Length	500 mm
Height	370 mm
Weight	80 kg

### Filling Compound (Optional)

Volume	N/A
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\* 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.