



EMELEC

LINK BOX TECHNICAL DATA SHEET

Drw. No. **10.04.05**
Article No. **12405001/0**

Issued Date: 10.05.2019
Rev. Date: 4.08.2021
Rev. 03

Type	LB. W . E	. 3 . 1
- Description	Three Phase Earthing Link Box for Single Cable	
- Designation	Wall Type	
- Bonding	Earthing	
- Sheath Voltage Limiter	N/A	
- Phase No.	3	
Earth	1	
Drawing Number	10.04.05	
- Article No	12405001/0	

Electrical Characteristics

- Rated Frequency	50/60	Hz
- SVL Type (*)	N/A	

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	40x10 mm (400 mm ²)	
- Gasket	Silicone	
- Cable Glands	4x48 mm	
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube	
- Insulation	Epoxy Support Insulator	
- Conductor Fixing	Conductor Flexconn - 95-400 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	N/A	kV
- Phase-to-Earth	40	kV

Voltage Withstand Test

- AC	20	kV/1 min
- DC	25	kV/5 min

Short Circuit Test

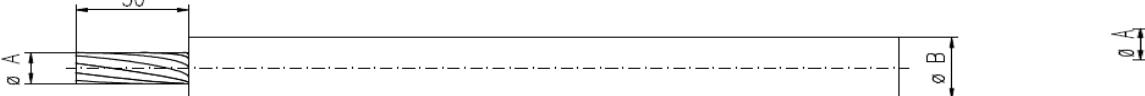
- Symmetrical	50	kA/1sec

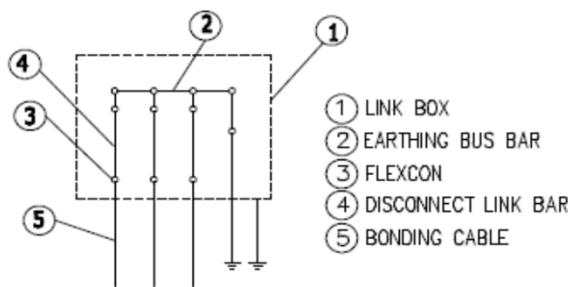
Internal Power Arcing Test (Symmetrical)	40	kA/0.1 sec

* 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

Single										
- Type	Gland Dia		A		B		C		D	
Cross-Section (mm ²)	Outer (mm)	Inner (mm)	min (mm)	max (mm)						
95-400	48	44	12	24	17	40	N/A	N/A	N/A	N/A
50										
										

Schematic Diagram**Enclosure Dimensions (*)**

Width	630 mm
Length	500 mm
Height	250 mm
Weight	50 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.