LINK BOX TECHNICAL DATA SHEET

Drw. No. 09.12.03
Article No. 12003001/0

Issued Date:	*12.08.2021*	
Rev. Date:	*-*	
Rev.	*00*	

Type		**LB. W . E .4SA . 4 . 1**
- Description		Four Phase Earthing Link Box for Single Cable
- Designation		Wall Type
- Bonding		Earthing
- Sheath Voltage Limiter	qty	4
- Phase No.		4
Earth		1
Drawing Number		09.12.03
- Article No		12003001/0

Electrical Characteristics		
- Rated Frequency	50/60	Hz
- SVL Type (*)	Up to 10 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	40x10 mm (400 mm2)	
- Gasket	Silicone	
- Cable Glands	5x48 mm	
- Cable Glands Insulation	Silicone gasket & EPR tape	
- 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	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	

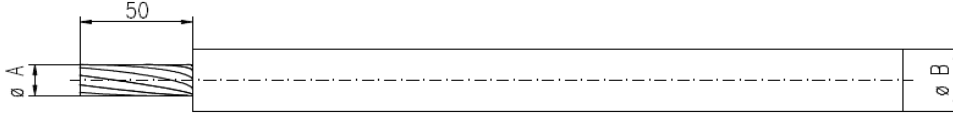| **Internal Power Arcing Test (Symmetrical)**	40	kA/0.1 sec

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* 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
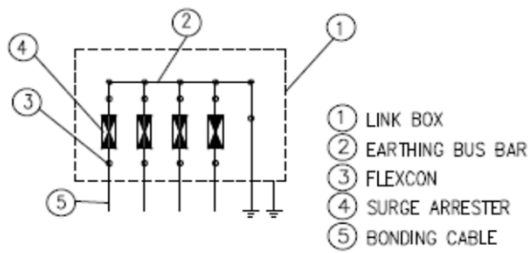
Bonding Cable

| - Type | | | | | | | | | | | Single |

Cross-Section (mm2)	Gland Dia Outer (mm)	Inner (mm)	A min (mm)	max (mm)	B min (mm)	max (mm)	C min (mm)	max (mm)	D min (mm)	max (mm)
95-400	48	44	12	24	17	40	N/A	N/A	N/A	N/A

50

Ø A

Ø B

Ø A

Schematic Diagram

① LINK BOX
② EARTHING BUS BAR
③ FLEXCON
④ SURGE ARRESTER
⑤ BONDING CABLE

Enclosure Dimensions (*)

Width	800 mm
Length	500 mm
Heigh	250 mm
Weigh	55 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.

LINK BOX SPECIFICATION SHEET