LINK BOX TECHNICAL DATA SHEET

Drw. No. 05.04.08
Article No. 06408001/0

Issued Date:	*10.05.2019*
Rev. Date:	*4.08.2021*
Rev.	*01*

Type — LB. W . CB .3SA . 3 . 1

- Description	Three Phase Cross Bonding Link Box for Coaxial Cable	
- Designation	Wall Type	
- Bonding	Cross-Bonding	
- Sheath Voltage Limiter	qty	3
- Phase No.		3
Earth		1

Drawing Number — 05.04.08

- Article No	06408001/0

Electrical Characteristics

- Rated Frequency	50/60	Hz
- SVL Type (*)	Up to 15 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	3x76 mm & 1x48 mm	
- Cable Glands Insulation	Silicone gasket & EPR tape	
- Insulation	Epoxy Support Insulator	
- Conductor Fixing	Coaxial 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	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.
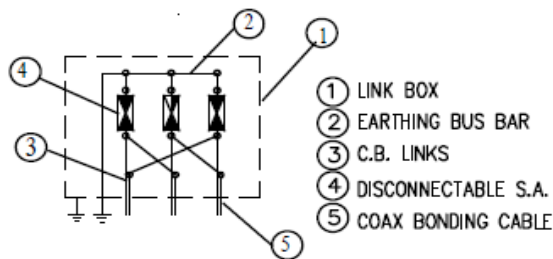
**   Body Thickness might differ related to technical drawing revision. For exact value, refer to technical drawing provided along with the Order Confirmation

LINK BOX SPECIFICATION SHEET

Bonding Cable

- Type										Coaxial

	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)
95-400	76	72	12	24	20	36	25	48	30	64

Schematic Diagram

1. LINK BOX
2. EARTHING BUS BAR
3. C.B. LINKS
4. DISCONNECTABLE S.A.
5. COAX BONDING CABLE
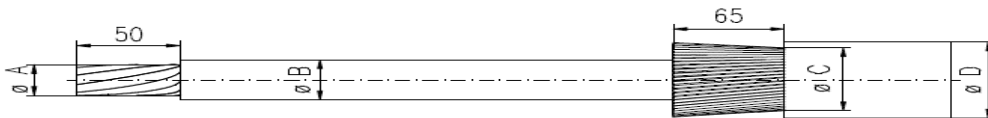
Enclosure Dimensions (*)

Width	690 mm
Length	590 mm
Heigh	368 mm
Weigh	76 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.

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