LINK BOX TECHNICAL DATA SHEET

Drw. No. 04.09.01
Article No. 05701001/0

Issued Date:	*12.10.2021*
Rev. Date:	*-*
Rev.	*00*

Type		**LB. P . E . 3 . 1**	
-	Description	Three Phase Cross Bonding Link Box for Coaxial Cable	
-	Designation	Pedestal	
-	Bonding	Earthing	
-	Sheath Voltage Limiter	N/A	
-	Phase No.	3	
	Earth	1	
Drawing Number		04.09.01	
-	Article No	05701001/0	
Electrical Characteristics			
-	Rated Frequency	50/60	Hz
-	SVL Type (*)	N/A	
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 & Heat Shirinkable Tube	
-	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	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

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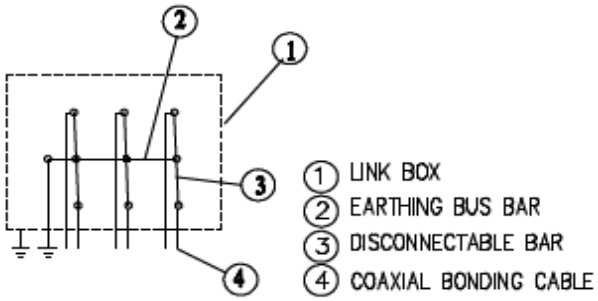
Bonding Cable

- Type: Coaxial

Cross-Section (mm2)	Gland Dia Outer (mm)	Gland Dia Inner (mm)	A min (mm)	A max (mm)	B min (mm)	B max (mm)	C min (mm)	C max (mm)	D min (mm)	D max (mm)
95-400	76	72	12	24	20	36	25	48	30	64

Schematic Diagram



Enclosure Dimensions (*)

Width	630 mm
Length	810 mm
Heigth	370 mm
Weigth	84 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 slighly differ.