LINK BOX TECHNICAL DATA SHEET

Drw. No. 04.08.04
Article No. 05604001/0

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Rev.	02
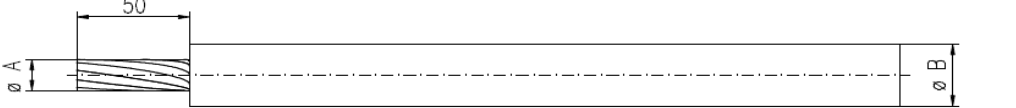
Type

		LB. W . E .1SA . 1 . 1	
-	Description	One Phase Earthing Link Box for Single Cable	
-	Designation	Wall Type	
-	Bonding	Earthing	
-	Sheath Voltage Limiter	qty	1
-	Phase No.		1
	Earth		1

Drawing Number

			04.08.04
-	Article No		05604001/0

Electrical Characteristics

-	Rated Frequency	50/60	Hz
-	SVL Type (*)	Up to 18 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	2x48 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	75	kV
-	Phase-to-Earth	37,5	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.
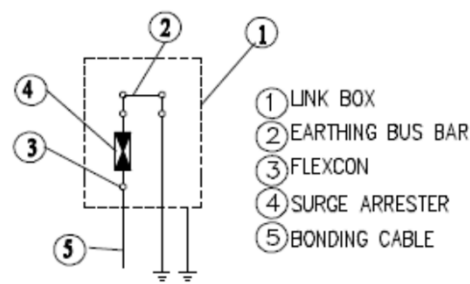
**   Body Thickness might differ related to technical drawing revision. For exact value, refer to technical drawing provided along with the Order Confirmation

LINK BOX SPECIFICATION SHEET

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	430 mm
Length	550 mm
Heigh	270 mm
Weigth	28 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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