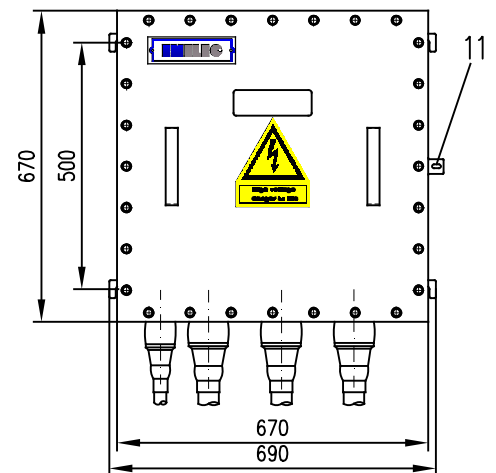


- ① LINK BOX
- ② EARTHING BUS BAR
- ③ DISCONNECTABLE BAR
- ④ COAXIAL BONDING CABLE

LIST OF MAIN PARTS

Item	Name of parts	Materials
1	CABINET	STAINLESS STEEL
2	SUPPORT INSULATORS	EPOXY
3	GLAND FOR COAXIAL CABLE	STAINLESS STEEL
4	GLAND FOR EARTHING CABLE	STAINLESS STEEL
5	FIXING CLAMP	TINNED COPPER
6	CABLE END FIXING CLAMP	TINNED COPPER
7	EARTHING BUS BAR	TINNED COPPER
8	DISCONNECTABLE EARTHING BAR	TINNED COPPER
9	PROTECTION COVER	PLEXYGLOSS
10	BOX EARTHING BAR	STAINLESS STEEL
11	PADLOCK FACILITY	STAINLESS STEEL
12	HEAT SHRINKABLE TUBE	MWTD
13	DOOR FIXING BOLTS	STAINLESS STEEL
14	COVER	STAINLESS STEEL

Specifications	
Protection degree	IP68
Bonding cable (Coaxial)	300-500 mm ²
Weight	app. 79 Kg.
Volume of Filling compound (optional)	app. 62 Lt.
Colour	RAL 7032



TYPE / DRAWING NO :		ARTICLE NO:	
LB.U.E.3.1 / 10.07.02		12702001	
Earthing Bonding Link Box For Underground Type		Drawn :	13.12.2021 / G.O.
		Approved :	13.12.2021 / S.E.

LINK BOX TECHNICAL DATA SHEET

Drw. No. 10.07.02
Article No. 12702001

Issued Date: 10.05.2019
Rev. Date: 24.12.2021
Rev. 01

Type	LB . U . E . 3 . 1
- Description	Three Phase Earthing Link Box for Coaxial Cable
- Designation	Underground
- Bonding	Earthing
- Sheath Voltage Limiter	N/A
- Phase No.	3
- Earth	1
Drawing Number	10.07.02
- Article No	12702001

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

Protection Class	IP 68
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Material	
- Enclosure	Stainless Steel AISI304
- Body Thickness	2 mm
- Cover Thickness	3 mm
- Connection Links	10 µm Tinned Electrolytic Copper
- Connection Links Dimension	50x10 mm (500 mm2)
- Material of connection links cover	N/A
- Safety Earthing Connection	Tapped Hole M12
- Gasket	Silicone
- Cable Glands	3x89 mm & 1x48 mm
- Other Glands (PD Sensor Cables / IR Sensor Cables ... etc.)	N/A
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shirinkable Tube
- Other Glands Insulation	N/A
- Insulation	Epoxy Support Insulator + Stainless Steel Base Plate
- Conductor Fixing	Coaxial Flexconn - 300-500 mm2
- Painting Process	Electro Static Polyester Powder Paint
- Painting Code	RAL 7032
- Labeling Material	Stainless Steel
- Fixing Bolts	A2 - AISI 304
- Protection Cover	PET-G
- Seperators	w/o seperator
- Insulating Sheds	N/A

AC Impulse Test	
- Phase-to-Phase	N/A
- Phase-to-Earth	40 kV

Voltage Withstand Test	
- AC	20 kV/1 min
- DC	25 kV/5 min

Short Circuit Test	
- Symmetrical	63 kA/1sec

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 order scope.

LINK BOX TECHNICAL DATA SHEET

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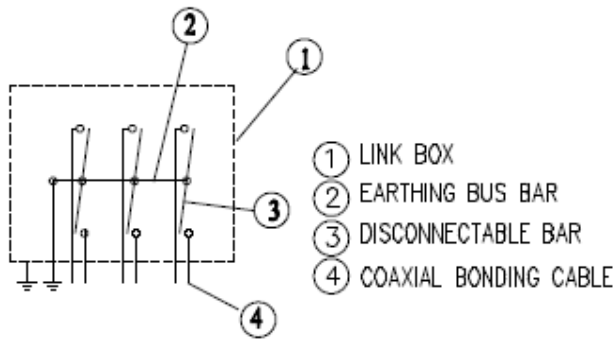
Bonding Cable (*)

- Type Coaxial

Cross-Section (mm ²)	Gland Dia		A		B		C		D	
	Outer (mm)	Inner (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)	min (mm)	max (mm)
300-500	88,9	84,9	20	28	28	45	36	56	45	77



Schematic Diagram



Enclosure Dimensions

Width	670 mm
Length	690 mm
Height	334 mm
Weight	79 kg

Filling Compound (Optional)

Volume	62 lt
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* Customer bonding cable data sheet needs to be provided during order stage due to different cable specifications.