

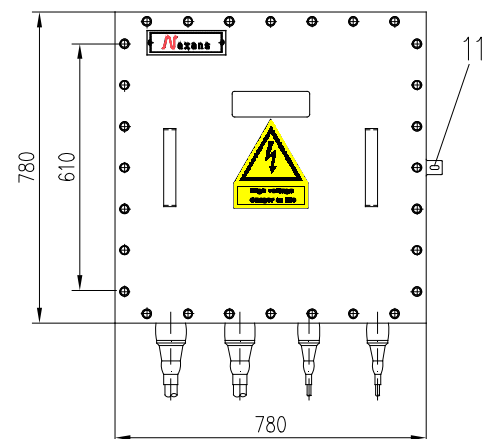
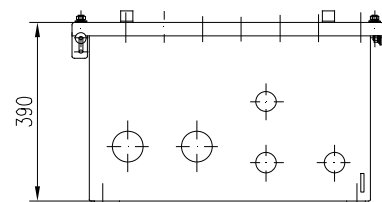
- ① LINK BOX
- ② EARTHING BUS BAR
- ③ DISCONNECTABLE BUS BAR
- ④ COAXIAL BONDING CABLE
- ⑤ EARTHING BONDING CABLE

#### LIST OF MAIN PARTS

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

#### Specifications

Protection degree	IP68
Bonding cable (Coaxial)	95-400 mm <sup>2</sup>
Weight	app. 97 Kg.
Volume of Filling compound (optional)	-
Colour	RAL 7032



**nexans**

TYPE / DRAWING NO :

ARTICLE NO:

**LB.U.E.2.3 / 22.01.04**

**26504001**

Earthing Bonding Link Box For Underground Type

Gez./Drawn.: 19.01.2022 / A.B.  
Gepr./Appr.: 19.01.2022 / S.E.

# LINK BOX TECHNICAL DATA SHEET

Drw. No. **22.01.04**  
Article No. **26504001**

Issued Date: 19.01.2022  
Rev. Date: -  
Rev. 00

Type	LB. U . E . 2 . 3
- Description	Earthing Bonding Link Box for Coaxial Cable
- Designation	Underground
- Bonding	Earthing
- Sheath Voltage Limiter	N/A
- Phase No.	2
- Earth	3
Drawing Number	22.01.04
- Article No	26504001
<b>Electrical Characteristics</b>	
- Rated Frequency	50/60 Hz
- SVL Type (*)	N/A
Protection Class	IP 68
<b>Material</b>	
- Enclosure	Stainless Steel AISI304
- Body Thickness	3 mm
- Cover Thickness	3 mm
- Connection Links	10 µm Tinned Electrolytic Copper
- Connection Links Dimension	40x10 mm (400 mm2)
- Material of connection links cover	N/A
- Safety Earthing Connection	Tapped Hole M12
- Gasket	Silicone
- Cable Glands	2x76 mm & 3x48 mm
- Other Glands (PD Sensor Cables / IR Sensor Cables ... etc.)	N/A
- Cable Glands Insulation	Silicone gasket & EPR tape & Mastic Tape & Heat Shrinkable Tube
- Other Glands Insulation	N/A
- Insulation	Epoxy Support Insulator + Stainless Steel Base Plate
- Conductor Fixing	Coaxial Flexconn - 95-400 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
- Separators	w/o separator
- Insulating Sheds	N/A
<b>AC Impulse Test</b>	
- Phase-to-Phase	N/A
- Phase-to-Earth	40 kV
<b>Voltage Withstand Test</b>	
- AC	20 kV/1 min
- DC	25 kV/5 min
<b>Short Circuit Test</b>	
- 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 order scope.

# LINK BOX TECHNICAL DATA SHEET

Drw. No. **22.01.04**  
Article No. **26504001**

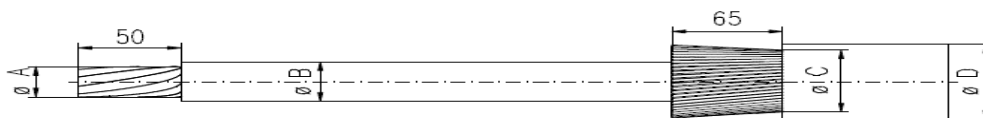
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## Bonding Cable (\*)

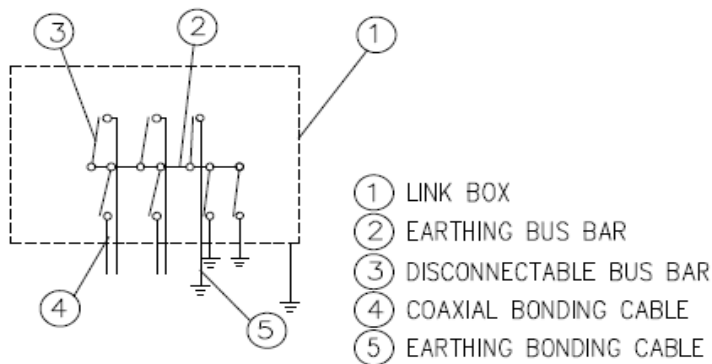
- Type

Coaxial

Cross-Section (mm <sup>2</sup> )	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)
95-400	76	72	12	24	20	36	25	48	30	64



## Schematic Diagram



## Enclosure Dimensions

Width	800 mm
Length	780 mm
Height	390 mm
Weight	97 kg

## Filling Compound (Optional)

Volume	N/A
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\* Customer bonding cable data sheet needs to be provided during order stage due to different cable specifications.