

4571101	DATA SHEET	
valid from: 25.02.2019	ESUY	

Application

ESUY Copper earthing cable ESUY is designed for grounding of usually current carrying parts in high voltage installations of rails during repair works. In addition it is used for grounding or potential compensation at machine parts and electronic data processing installation. Sheathing serves for mechanical protection of the conductor and of pollution.

Design

Design	in support to VDE 0682, VDE 0683, DIN 46438 and DIN 46440
Conductor	high flexible superfine copper wire rope with a braiding of bare electrolytic copper
Outer sheath	transparent PVC compound TI2 in acc. to VDE 0207 part 5

Electrical properties at 20°C

Test voltage	2000 V AC
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Mechanical and thermal properties

Minimum bending radius	12 x cable diameter
Temperature range	-5 up to +70° C max. conductor temperature
Flammability	acc. to IEC 60332-1-2 resp. EN 60332-1-2 (VDE 0482-332-1-2)
Tests	in acc. to VDE 0472 and IEC 811-x.x that is VDE 0473

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