

ESUY

Earthing conductor
+70 °C service temperature, highly flexible, braided extra fine wire conductor
adapted to DIN VDE 0283-3 / EN 61138

Application

Highly flexible single core conductor for use in portable earthing and short circuit-devices. Particularly prior to field maintenance or repair work on high-voltage systems, in railway systems, failing current equipment and in distribution networks.

Construction



1. Conductor: Copper conductor, bare, extra fine wire
2. Braiding: Bare copper wires
3. Outer sheath: PVC, transparent

Technical information

Test voltage	2000 V
Max. permissible temperature at conductor	70 °C
Max. short circuit temperature of the conductor	250 °C (max, 5 sec)
Min. operating temperature	-5 °C
Min. bending radius mm	12 x outer diameter in mm

For these types no nominal voltages are mentioned, as these are only used for earthing purposes.

Safety parameters

Flame spread	single cable	EN 60332-1-2
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N° of cores and cross section mm ²	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 16	9,6	194	213
1 x 25	10,7	280	305
1 x 35	12,5	415	575
1 x 50	14,2	585	670
1 x 70	16,8	820	910
1 x 95	19,8	1.090	1.220
1 x 120	23,2	1.360	1.505
1 x 150	26,3	1.650	1.945
1 x 185	30,0	2.150	2.395
1 x 240	28,5	2.750	3.095

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.