

Treoflex NSGAFÖU 3kV Rubber



Technical Data

- Special rubber-insulated single core cables to DIN VDE 0250 part 602
- **Temperature range**
flexing -25°C to + 90°C
fixed installation -40°C to + 90°C
- **Permissible operating temperature**
at conductor 90°C
- **Nominal voltage** U_0/U 1.8/3 kV
- **Max. permissible operating voltage**
for three one-phase alternating current operation U_0/U 2.1/3.6 kV for direct current operation U_0/U 2.7/5.4 kV
- **Test voltage** 6 kV
- **Minimum bending radius**
5 x cable Ø

Cable Structure

- Tinned copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 5 and IEC 60228 cl. 5
- EPR-insulation, compound type 3G13 to DIN VDE 0207 part 20
- Polychlorprene outer jacket oil resistant and abrasion resistant
- Colour black or red

Properties

- **Oil resistant**
Test to DIN VDE 0473 part 811-1-2-1
- **Behaviour in fire**
Test according to VDE 0482-332-1-2-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note:

Version in 6 kV available on request.

Application

Particularly suitable for protection against short circuits in laying and for inherently earth-fault proof routing in rail vehicles and omnibuses

Part Number	No. of cores x cross-sec. mm ²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA65.0015.01	1 x 1.5	5.9	14.4	62.0
TA65.0025.01	1 x 2.5	6.2	24.0	76.0
TA65.0040.01	1 x 4	6.8	38.0	95.0
TA65.0060.01	1 x 6	7.4	58.0	140.0
TA65.0100.01	1 x 10	8.7	96.0	190.0
TA65.0160.01	1 x 16	9.5	154.0	270.0
TA65.0250.01	1 x 25	11.9	240.0	410.0
TA65.0350.01	1 x 35	13.1	336.0	490.0

Part Number	No. of cores x cross-sec. mm ²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA65.0500.01	1 x 50	14.5	480.0	650.0
TA65.0700.01	1 x 70	16.3	672.0	900.0
TA65.0950.01	1 x 95	19.2	912.0	1200.0
TA65.1200.01	1 x 120	21.0	1152.0	1450.0
TA65.1500.01	1 x 150	22.8	1440.0	1800.0
TA65.1850.01	1 x 185	24.8	1776.0	2200.0
TA65.2400.01	1 x 240	27.1	2304.0	2650.0
TA65.3000.01	1 x 300	30.3	2880.0	3250.0

