



Design data of the samples

Nominal outer diameter (D, mm) and estimated weight (W)

Nominal cross-section mm ²	Nominal alternating voltage, V											
	1000		2500		4000		1000		2500		4000	
	PGS						PGES					
	D	M	D	M	D	M	D	M	D	M	D	M
1,0	5,7	42	-	-	-	-	8,5	104	-	-	-	-
1,5	6,3	54	8,8	105	10,2	130	8,5	115	9,8	149	11,2	174
2,5	-	-	9,5	119	10,9	152	-	-	11,5	183	12,9	225
4,0	-	-	10,1	144	11,1	169	-	-	12,1	212	13,1	247

Application

The wires are intended for the interdevice and inside device mounting of electric appliances of alternating current of frequency not more than 100 kHz, working in the air, sea water with mineral oils impurity.

Design

Current-carrying conductors

Copper tinned wires

5th class for the cross-section of 1,0mm²,

4th class for the cross-section of 1,5 mm² (1000V, 2500V, 4000V),

2,5 mm², 4,0 mm².

Rubber semiconducting layer is applied above current-carrying conductor of PGES wire

Insulation Rubber

Sheath Rubber

Factory length of the wires is not less than 50m.