



conductor material:	tinned copper
conductor construction:	fine stranded, class 5
insulation:	rubber (EPR) 3GI3, halogen-free
sheathing material:	rubber (CR) 5GM3
flame retardant:	VDE 0482-332-1-2/IEC 60332-1

max. temperature at conductor:	90°C
max. operating temperature, fixed:	-40 up to +90°C
temperature, moved/during installation:	-25 up to +90°C

	NSGAFÖU 1,8/3 kV	NSGAFÖU 3,6/6 kV
nominal voltage U₀:	1,8 kV	3,6 kV
nominal voltage U:	3,6 kV	6 kV
test voltage:	6 kV	11 kV

Application: This wire is designed preferably for application in busses and rail vehicles. If used in distribution or switching appliances up to 1kV the wire is considered to be short circuit proof. It is extensive resistant against most oils and grease.

*The products and information presented here are for technical calculation only.
They are subject to technical progress and in no way represent the ability of shipment.
Outer diameters are approximately.*



SPEZIALKABEL / SPEZIALLEITUNGEN

NSGAFÖU

*Rubber insulated wire
acc. to VDE 0250 part 602*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	ampacitiy in air	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
450015	NSGAFÖU 1 x 1,5	1,8/3 kV SW 30	5,5	14,4	60
450025	NSGAFÖU 1 x 2,5	1,8/3 kV SW 41	5,9	24,0	70
450040	NSGAFÖU 1 x 4	1,8/3 kV SW 55	6,4	38,0	90
450060	NSGAFÖU 1 x 6	1,8/3 kV SW 70	7,0	58,0	120
450100	NSGAFÖU 1 x 10	1,8/3 kV SW 98	8,4	96,0	180
450160	NSGAFÖU 1 x 16	1,8/3 kV SW 132	9,2	154,0	250
450250	NSGAFÖU 1 x 25	1,8/3 kV SW 176	11,5	240,0	390
450350	NSGAFÖU 1 x 35	1,8/3 kV SW 218	12,8	336,0	470
450500	NSGAFÖU 1 x 50	1,8/3 kV SW 276	14,3	480,0	625
450700	NSGAFÖU 1 x 70	1,8/3 kV SW 347	16,0	672,0	880
450950	NSGAFÖU 1 x 95	1,8/3 kV SW 416	18,2	912,0	1190
451200	NSGAFÖU 1 x 120	1,8/3 kV SW 488	19,9	1152,0	1430
451500	NSGAFÖU 1 x 150	1,8/3 kV SW 566	21,8	1440,0	1750
451850	NSGAFÖU 1 x 185	1,8/3 kV SW 644	23,8	1776,0	2160
452400	NSGAFÖU 1 x 240	1,8/3 kV SW 775	26,7	2304,0	2640
453000	NSGAFÖU 1 x 300	1,8/3 kV SW 898	38,0	2880,0	3178
454000	NSGAFÖU 1 x 400	1,8/3 kV SW 1060	40,5	3840,0	4200
455000	NSGAFÖU 1 x 500	1,8/3 kV SW 1250	42,0	4800,0	5500
451500S	NSGAFÖU 1 x 150	3,6/6 kV RT 546	30,5	1440,0	1690
451850S	NSGAFÖU 1 x 185	3,6/6 kV RT 622	33,1	1776,0	2225