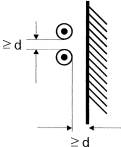
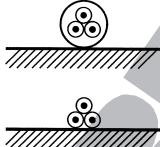


Current ratings for cables $\leq 0,6/1$ kV

Special rubber-insulated single core cables, multicore rubber cables and trailing cables

Operating temperature at conductor 90°C (80°C); Ambient temperature 30°C

Type designation	NSGAÖU, NSGAFÖU NSHXAÖ, NSHXAFÖ ¹⁾	NSGAÖU, NSGAFÖU NSGAFCMÖU NSHXAÖ, NSHXAFÖ NSHXAFCMÖ ¹⁾	NSSHÖU NT...	NT...
Nominal voltage	0,6/1 kV and 1,8/3 kV	3,6/6 kV	up to 6/10 kV	$\geq 6/10$ kV
Permissible operating temperature at conductor	90°C		–	
Recommended operating temperature	–		80°C	
Installation: ● in open air ● upon or on surface	 Installation in open air		 Installation upon or on surface	
Number of loaded cores	1	1	3	3
Cross-section, mm ²	Current ratings in Ampere (A)			
1,5	30	32	–	–
2,5	41	43	30	–
4	55	56	41	–
6	70	71	53	–
10	98	99	74	–
16	132	133	99	105
25	176	174	131	139
35	218	215	162	172
50	276	270	202	215
70	347	338	250	265
95	416	403	301	319
120	488	473	352	371
150	566	546	404	428
185	644	622	461	488
240	775	–	540	–
300	898	–	–	–

Conversion factors for deviating ambient temperature, grouping, installation under the ceiling, multicore cables and insulated wires – see DIN VDE 0298 part 4.

– when a bunched installation with single cores or multi-cored cables are used on floor installation the conversion factors for the rating values should be considered – see table page T 31

factor 0,76 for one-phase a.c. and direct current circuits or factor 0,67 for three-phase circuits, is to be multiplied.

– when a bunched installation with single cores or multi-cored cables are used in open air, or cable trays, the conversion factors for the rating values should be considered – see table in page T 33

factor 0,8 for one-phase a.c. and direct current circuits or factor 0,7 for three-phase circuits, is to be multiplied.

– when a bunched installation with single cores or multi-cored cables are used in insulating tubes or conduits, the conversion factors for the rating values should be considered – see table page T 31

factor 0,61 for one-phase a.c. and direct current circuits or factor 0,54 for three-phase circuits, is to be multiplied.