
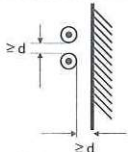
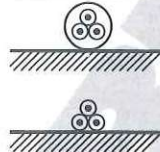


CURRENT RATINGS FOR CABLES FROM 0,6/1 kV

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 | ≥ 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 | 216 |
| 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.

- ¹⁾ – when a bunched installation with single cores or multi-cored cables are used on floor the conversion factors for the rating values should be considered – see table page 1077
 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 1079
 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 1077
 factor 0,61 for one-phase a.c. and direct current circuits or
 factor 0,54 for three-phase circuits, is to be multiplied.

VDE approval see inside back cover