

Aluminiumleiter, längswasserdicht, PE Außenmantel
Alu-Conductor, longitudinally watertight, PE outer sheath



NA2XS(F)2Y 6/10 kV, 12/20 kV, 18/30 kV

Anwendung

Verlegung in Innenräumen und in Kabelkanälen, im Freien, in Erde und im Wasser sowie auf Pritschen für Industrie- und Schaltanlagen und Kraftwerke.

Approbationen/Normen

DIN VDE 0276 Teil 620

CE = Das Produkt ist konform zur EG-Niederspannungsrichtlinie 2014/35/EU.

Aufbau

| | |
|---------------------|--|
| Innenleiter | mehrdrähtiger Alu-Leiter |
| Aderisolierung | innere Leitschicht - VPE-Isolierung - äußere Leitschicht - leitfähiges Quellband |
| Schirmung | Kupferschirm |
| Innenmantelmaterial | Trennband |
| Außenmantelmaterial | PE - Polyethylen, schwarz |

Technische Daten

| | |
|------------------------|--|
| Nennspannung | U _o /U: 6/10 kV, 12/20 kV, 18/30 kV |
| Biegeradius fest (xD) | 15 |
| Betriebstemp. fest | -20 °C ... +90 °C |
| Betriebstemp. bew. | -20 °C ... +90 °C |
| Leitertemperatur | max. +90 °C |
| Kurzschlussstemperatur | max. +250 °C |
| Kurzschlussdauer | 5 Sek. |

application

For laying indoors, in cable ducts, indoors, in ground and water, as well for laying on racks for industrial and switching systems and power stations.

approvals/standards

DIN VDE 0276 - 620

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

structure

| | |
|-----------------------|---|
| inner conductor | stranded aluminum conductor |
| core insulation | conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound - semi-conducting swellable tape |
| shield | copper wire screen |
| inner sheath material | separating tape |
| outer sheath material | PE - polyethylene compound, black |

specifications

| | |
|---------------------------|--|
| rated voltage | U _o /U: 6/10 kV, 12/20 kV, 18/30 kV |
| bending radius fixed | 15 |
| operation temp. fixed | -20 °C ... +90 °C |
| operation temp. moved | -20 °C ... +90 °C |
| conductor temp | max. +90 °C |
| short circuit temperature | max. +250 °C |
| short circuit duration | 5 sec. |

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| Art. nr. art. no. | Typ type | Abmessung dimensions [n x mm ²] | Außen-Ø outer-Ø [mm] | Gewicht weight [kg] | Strombelastung Erde power load earth | Strombelastung Luft power load air |
|----------------------|-------------|---|----------------------------|---------------------------|---|---------------------------------------|
| 01507007 | 6/10 kV | 1 x 50 rm/16 | 26 | 750 | 171 A | 183 A |
| 01507008 | 6/10 kV | 1 x 70 rm/16 | 28 | 850 | 208 A | 228 A |
| 01507005 | 6/10 kV | 1 x 95 rm/16 | 29 | 1030 | 248 A | 278 A |
| 01507009 | 6/10 kV | 1 x 120 rm/16 | 31 | 1100 | 283 A | 321 A |
| 01507001 | 6/10 kV | 1 x 150 rm/25 | 32 | 1300 | 315 A | 364 A |
| 01507010 | 6/10 kV | 1 x 185 rm/25 | 34 | 1450 | 357 A | 418 A |
| 01507002 | 6/10 kV | 1 x 240 rm/25 | 36 | 1600 | 413 A | 494 A |
| 01507011 | 6/10 kV | 1 x 300 rm/25 | 38 | 1850 | 466 A | 568 A |
| 01507012 | 6/10 kV | 1 x 400 rm/35 | 42 | 2350 | 529 A | 660 A |
| 01706006 | 12/20 kV | 1 x 50 rm/16 | 30 | 830 | 172 A | 185 A |
| 01706007 | 12/20 kV | 1 x 70 rm/16 | 32 | 920 | 210 A | 231 A |
| 01706001 | 12/20 kV | 1 x 95 rm/16 | 33 | 1050 | 251 A | 280 A |
| 01706004 | 12/20 kV | 1 x 120 rm/16 | 35 | 1150 | 285 A | 323 A |
| 01706002 | 12/20 kV | 1 x 150 rm/25 | 36 | 1450 | 319 A | 366 A |
| 01706005 | 12/20 kV | 1 x 185 rm/25 | 38 | 1550 | 361 A | 420 A |
| 01706003 | 12/20 kV | 1 x 240 rm/25 | 41 | 1750 | 417 A | 496 A |
| 01706009 | 12/20 kV | 1 x 300 rm/25 | 43 | 2000 | 471 A | 569 A |
| 01706008 | 12/20 kV | 1 x 400 rm/35 | 46 | 2400 | 535 A | 660 A |
| 01807004 | 18/30 kV | 1 x 50 rm/16 | 35 | 1210 | 174 A | 187 A |
| 01807005 | 18/30 kV | 1 x 70 rm/16 | 37 | 1360 | 213 A | 232 A |
| 01807006 | 18/30 kV | 1 x 95 rm/16 | 38 | 1480 | 254 A | 282 A |
| 01807007 | 18/30 kV | 1 x 120 rm/16 | 40 | 1610 | 289 A | 325 A |
| 01807002 | 18/30 kV | 1 x 150 rm/25 | 41 | 1800 | 322 A | 367 A |
| 01807001 | 18/30 kV | 1 x 185 rm/25 | 43 | 2400 | 364 A | 421 A |
| 01807003 | 18/30 kV | 1 x 240 rm/25 | 45 | 2200 | 422 A | 496 A |
| 01807008 | 18/30 kV | 1 x 300 rm/25 | 48 | 2620 | 476 A | 568 A |
| 01807009 | 18/30 kV | 1 x 400 rm/35 | 51 | 3080 | 541 A | 659 A |