



## EX

Overhead power cable 0,6/1 kV with Al conductors, PE insulated

### APPLICATION

For distributive low overhead network in the city, pros urban and rural areas. For supply of remote facilities and villages of temporary and permanent character. For above-ground house connections.

### CONSTRUCTION

Phase conductors: Al, class 1 or 2 according to EN 60228, HD 626 S1, p.3I

Neutral conductors: Al, class 2 according to EN 60228, HD 626 S1, p.3I

Insulation: PE compound TIP 5

### TECHNICAL CHARACTERISTICS

CPR class: Fca

Test voltage: 4 Kv

Rated voltage: 0,6/1 kV

Bending radius (min): 12D

Min. laying temperature: -5°C

Max. conductor temperature: 70°C

Max. short-circuit temperature: 135°C

### STANDARD

HD 626 S1, part 3I

### CORE IDENTIFICATION

By ridges, according to HD 626-1, Method A

### CERTIFICATION



| NOMINAL<br>CROSS-SECTION | MAX. RESISTANCE<br>AT 20°C | CURRENT CAPACITY<br>IN AIR | CONDUCTOR<br>DIAMETER | METAL<br>WEIGHT (APPROX) | PACKING |
|--------------------------|----------------------------|----------------------------|-----------------------|--------------------------|---------|
| mm <sup>2</sup>          | Ω/km                       | A                          | mm                    | kg/km                    | m       |
| 2x16                     | 1,91                       | 69                         | 4,6                   | 134                      | 1000    |
| 3x16                     | 1,91                       | 69                         | 4,6                   | 202                      | 1000    |
| 4x16                     | 1,91                       | 69                         | 4,6                   | 271                      | 1000    |
| 2x25                     | 1,2                        | 107                        | 5,7                   | 198                      | 1000    |
| 3x25                     | 1,2                        | 107                        | 5,7                   | 298                      | 1000    |
| 3x25+70                  | 1,20/0,443                 | 107                        | 5,7/9,6               | 534                      | 1000    |
| 3x25+70+16               | 1,20/0,443/1,91            | 107                        | 5,7/9,6/4,6           | 598                      | 1000    |
| 3x25+70+2x16             | 1,20/0,443/1,91            | 107                        | 5,7/9,6/4,6           | 661                      | 1000    |
| 4x25                     | 1,2                        | 107                        | 5,7                   | 399                      | 1000    |
| 2x35                     | 0,868                      | 132                        | 5,8                   | 271                      | 1000    |
| 3x35+70                  | 0,868/0,443                | 132                        | 5,8/9,6               | 644                      | 1000    |
| 3x35+70+16               | 0,868/0,443/1,91           | 132                        | 5,8/9,6/4,6           | 708                      | 1000    |
| 3x35+70+2x16             | 0,868/0,443/1,91           | 132                        | 5,8/9,6/4,6           | 771                      | 1000    |
| 4x35                     | 0,868                      | 132                        | 5,8                   | 545                      | 1000    |
| 4x35+25                  | 0,868/1,2                  | 132                        | 5,8/5,7               | 646                      | 1000    |
| 4x35+2x25                | 0,868/1,2                  | 132                        | 5,8/5,7               | 748                      | 1000    |
| 3x50+70                  | 0,641/0,443                | 165                        | 7,8/9,6               | 763                      | 1000    |
| 3x50+70+16               | 0,641/0,443/1,91           | 165                        | 7,8/9,6/4,6           | 827                      | 1000    |
| 3x50+70+2x16             | 0,641/0,443/1,91           | 165                        | 7,8/9,6/4,6           | 890                      | 1000    |
| 3x50                     | 0,641                      | 165                        | 7,8                   | 548                      | 1000    |
| 4x50                     | 0,641                      | 165                        | 7,8                   | 754                      | 1000    |
| 4x50+16                  | 0,641/1,91                 | 165                        | 7,8/4,6               | 823                      | 1000    |
| 4x50+25                  | 0,641/1,2                  | 165                        | 7,8/5,7               | 855                      | 1000    |
| 4x50+2x25                | 0,641/1,2                  | 165                        | 7,8/5,7               | 957                      | 1000    |
| 4x50+35                  | 0,641/0,868                | 165                        | 7,8/5,8               | 892                      | 1000    |
| 4x50+2x35                | 0,641/0,868                | 165                        | 7,8/5,8               | 1030                     | 1000    |
| 3x70+16                  | 0,443/1,91                 | 205                        | 9,6/4,6               | 804                      | 1000    |
| 3x70+2x16                | 0,443/1,91                 | 205                        | 9,6/4,6               | 874                      | 1000    |
| 3x70+70+16               | 0,443/1,91                 | 205                        | 9,6/4,6               | 1038                     | 1000    |
| 3x70+70+2x16             | 0,443/1,91                 | 205                        | 9,6/4,6               | 1102                     | 1000    |
| 3x70+70+25               | 0,443/1,20                 | 205                        | 9,6/5,7               | 1071                     | 1000    |
| 3x70+70+25               | 0,443/1,20                 | 205                        | 9,6/5,7               | 1168                     | 1000    |
| 4x70                     | 0,443                      | 205                        | 9,6                   | 981                      | 1000    |
| 4x70+16                  | 0,443/1,91                 | 205                        | 9,6/4,6               | 1051                     | 1000    |
| 4x70+25                  | 0,443/1,2                  | 205                        | 9,6/5,7               | 1083                     | 1000    |
| 4x70+2x25                | 0,443/1,2                  | 205                        | 9,6/5,7               | 1185                     | 1000    |
| 4x70+35                  | 0,443/0,868                | 205                        | 9,6/5,8               | 1119                     | 1000    |
| 4x70+2x35                | 0,443/0,868                | 205                        | 9,6/5,8               | 1258                     | 1000    |

| NOMINAL<br>CROSS-SECTION | MAX. RESISTANCE<br>AT 20°C | CURRENT CAPACITY<br>IN AIR | CONDUCTOR<br>DIAMETER | METAL<br>WEIGHT (APPROX) | PACKING |
|--------------------------|----------------------------|----------------------------|-----------------------|--------------------------|---------|
| mm <sup>2</sup>          | Ω/km                       | A                          | mm                    | kg/km                    | m       |
| 3x95                     | 0,320                      | 250                        | 11,1                  | 1005                     | 1000    |
| 3x95+2x16                | 0,320/1,91                 | 250                        | 11,1/4,6              | 1138                     | 1000    |
| 3x95+25                  | 0,320/1,2                  | 250                        | 11,1/5,7              | 1101                     | 1000    |
| 3x95+70                  | 0,320/0,443                | 250                        | 11,1/9,6              | 1197                     | 1000    |
| 3x95+70+16               | 0,320/0,443/1,91           | 250                        | 11,1/9,6/4,6          | 1260                     | 1000    |
| 3x95+70+2x16             | 0,320/0,443/1,91           | 250                        | 11,1/9,6/4,6          | 1323                     | 1000    |
| 4x95                     | 0,32                       | 250                        | 11,1                  | 1334                     | 1000    |
| 4x95+16                  | 0,32/1,91                  | 250                        | 11,1/4,6              | 1403                     | 1000    |
| 4x95+25                  | 0,32/1,2                   | 250                        | 11,1/5,7              | 1435                     | 1000    |
| 4x95+2x25                | 0,32/1,2                   | 250                        | 11,1/5,7              | 1537                     | 1000    |
| 4x95+35                  | 0,32/0,868                 | 250                        | 11,1/5,8              | 1471                     | 1000    |
| 4x95+2x35                | 0,32/0,868                 | 250                        | 11,1/5,8              | 1610                     | 1000    |
| 3x120+70                 | 0,253/0,443                | 280                        | 12,3/9,6              | 1424                     | 1000    |
| 3x120+70+16              | 0,253/0,443/1,91           | 280                        | 12,3/9,6/4,6          | 1487                     | 1000    |
| 3x120+70+2x16            | 0,253/0,443/1,91           | 280                        | 12,3/9,6/4,6          | 1550                     | 1000    |
| 4x120                    | 0,253                      | 280                        | 12,3                  | 1633                     | 1000    |
| 4x120+16                 | 0,253/1,91                 | 280                        | 12,3/4,6              | 1703                     | 1000    |
| 4x120+25                 | 0,253/1,20                 | 280                        | 12,3/5,7              | 1735                     | 1000    |
| 4x120+2x25               | 0,253/1,20                 | 280                        | 12,3/5,7              | 1834                     | 1000    |
| 4x120+35                 | 0,253/0,868                | 280                        | 12,3/5,8              | 1771                     | 1000    |
| 4x120+2x35               | 0,253/0,868                | 280                        | 12,3/5,8              | 1907                     | 1000    |