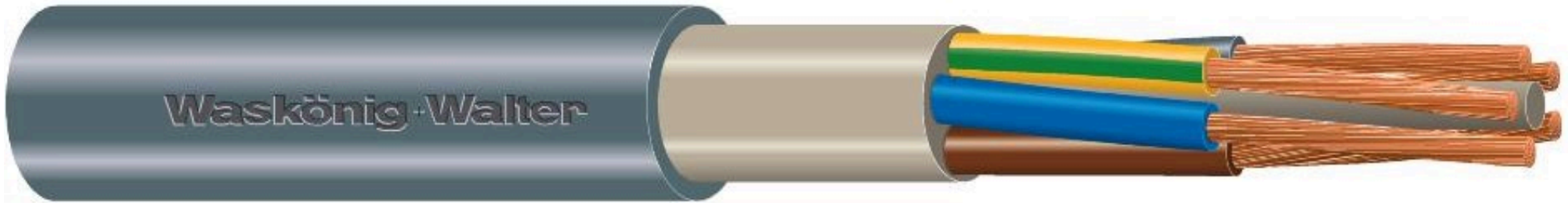


**Power cable**

**YMvK-ss Dca 1x**

Power cable, XLPE insulated, copper conductor, improved behavior in case of fire

0.6/1 kV



according HD 604 4D.

| Characteristics                            | Properties         | Unit |
|--|--------------------|------|
| Conductor material                         | Copper             |      |
| Conductor surface                          | Bare               |      |
| Conductor category                         | Class 2 = stranded |      |
| Shape of conductor                         | Round              |      |
| Number of cores                            | 1                  |      |
| Core identification according to HD 308 S2 |                    |      |
| Core identification                        | Colour             |      |
| Laminated sheath                           | No                 |      |
| Fibre optic elements                       | No                 |      |
| Protective conductor                       | No                 |      |
| Inner semi-conducting layer                | No                 |      |
| Outer semi-conducting layer                | No                 |      |

| Characteristics  | Properties                           | Unit      |
|--|--------------------------------------|-----------|
| Screen   | No                                   |           |
| Concentric conductor   | None                                 |           |
| Armouring  | No                                   |           |
| Material outer sheath  | Polyvinyl chloride (PVC)             |           |
| Specification material outer sheath                                  | Other                                |           |
| Colour outer sheath  | Grey                                 |           |
| Cable geometry   |                                      |           |
| Conductive coating   | No                                   |           |
| Longitudinal water blocking conductors                               | No                                   |           |
| Longitudinal water blocking screen                                   | No                                   |           |
| Reaction-to-fire according to EN 13501-6: Class                      | Dca                                  |           |
| Reaction-to-fire according to EN 13501-6: Smoke production           | s2                                   |           |
| Reaction-to-fire according to EN 13501-6: Flaming droplets/particles | d2                                   |           |
| Reaction-to-fire according to EN 13501-6: Acidity                    | a3                                   |           |
| Halogen free (acc. EN 60754-1/2)                                     | No                                   |           |
| Flame retardant  | In accordance with IEC/EN 60332-3-24 |           |
| Low smoke (acc. EN 61034-2)  | No                                   |           |
| Max. conductor temperature   | 90                                   | °C        |
| Permitted cable outer temperature during assembling/handling         | 5 <=> 70                             | °C        |
| Permitted cable outer temperature after assembling without vibration | -30 <=> 70                           | °C        |
| Nominal voltage U <sub>0</sub>                                       | 0.6                                  | kV        |
| Nominal voltage U  | 1                                    | kV        |
| max. short circuit temperature                                       | 250                                  | °C        |
| Insulation   | XLPE (VPE)                           |           |
| Minimum bending radius   | 15                                   | x Außen-Ø |

| Product                                  |  |                                |                      | Packaging  |                          |                    |
|--|--|--------------------------------|----------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm²) | Min. permitted bending radius, stationary application/permanent installation (in mm) | Outer diameter approx. (in mm) | Weight (in EU571166) | Packing    | Individual length (in m) | Net weight (in kg) |
| 25                                       |  | 12                             | 306.73               | Ring, Drum | Cut length               | 307                |
| 35                                       |  | 13                             | 422.6                | Ring, Drum | Cut length               | 423                |
| 50                                       |  | 15                             | 586.56               | Ring, Drum | Cut length               | 587                |
| 70                                       |  | 17                             | 725.69               | Ring, Drum | Cut length               | 726                |
| 95                                       | 285  | 19                             | 978.39               | Ring, Drum | Cut length               | 978                |
| 120                                      | 315  | 21                             | 1,219.4              | Ring, Drum | Cut length               | 1,219              |
| 150                                      | 345  | 23                             | 1,492                | Ring, Drum | Cut length               | 1,492              |
| 185                                      |  | 24                             | 1,844.4              | Ring, Drum | Cut length               | 1,844              |
| 240                                      | 435  | 29                             | 2,424.6              | Ring, Drum | Cut length               | 2,425              |
| 300                                      |  | 31                             | 2,984.8              | Ring, Drum | Cut length               | 2,985              |