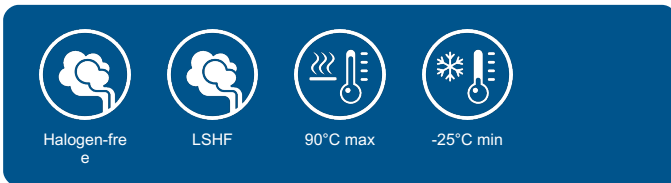




AXQJ 0,6/1KV

PROPERTIES



AC Voltage rating U_0/U
0,6/1kV

APPLICATION

AXQJ is a halogen-free, flame-retardant power cable rated 0.6/1 kV for fixed open installation indoors and outdoors, in ground, air, and water, as well as in ducts and conduits.

The conductor is sector-shaped aluminium, with cross-sectional areas from 50 mm² to 300 mm².

The cable is equipped with a screen of annealed copper wires with a counter-wound copper tape. Available with EMC.

STANDARDS

Construction

HD 603 part 5-AB
SS 424 14 18

Marking

SS 424 17 20

Conductor

IEC 60228 Class 2

PROPERTIES

CPR class

Dca-s2,d2,a1

Max temperature

90 °C

Min. temperature

-20 °C

AC Voltage rating U_0/U (U_m)

0,6/1,0 (1,2)kV

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| Name | E-Number | Outer diameter [mm] | Total weight [kg/km] | Max resistance of conductor @20°C [Ω/km] | Max resistance of conductor @20°C [Ω/km] | Std. Length [m] |
|------------------|----------|---------------------|----------------------|--|--|-----------------|
| AXQJ 3x50/16-AS | 0042190 | 26.1 | 0.82 | 0.641 | 1.2 | Cut length |
| AXQJ 3x50/16-AS | 0042195 | 26.1 | 0.82 | 0.641 | 1.2 | 500 |
| AXQJ 4x50/16-AS | 0042200 | 29.2 | 1.03 | | | Cut length |
| AXQJ 4x50/16-AS | 0042205 | 29.2 | 1.03 | | | 500 |
| AXQJ 4x50/29-AS | 0042210 | 29.2 | 1.14 | | | Cut length |
| AXQJ 4x50/29-AS | 0042215 | 29.2 | 1.14 | | | 500 |
| AXQJ 3x70/21-AS | 0042220 | 29.3 | 1.17 | | | Cut length |
| AXQJ 3x70/21-AS | 0042225 | 29.3 | 1.17 | | | 500 |
| AXQJ 4x70/21-AS | 0042230 | 32.7 | 1.44 | | | Cut length |
| AXQJ 4x70/21-AS | 0042235 | 32.7 | 1.44 | | | 500 |
| AXQJ 3x95/29-AS | 0042240 | 32.7 | 1.46 | | | Cut length |
| AXQJ 3x95/29-AS | 0042245 | 32.7 | 1.46 | | | 500 |
| AXQJ 4x95/29-AS | 0042250 | 36.4 | 1.82 | | | Cut length |
| AXQJ 4x95/29-AS | 0042255 | 36.4 | 1.82 | | | 500 |
| AXQJ 4x95/57-AS | 0042260 | 36.4 | 2.09 | | | Cut length |
| AXQJ 4x95/57-AS | 0042265 | 36.4 | 2.09 | | | 500 |
| AXQJ 3x120/41-AS | 0042270 | 36.9 | 1.92 | | | Cut length |
| AXQJ 3x120/41-AS | 0042275 | 36.9 | 1.92 | | | 500 |
| AXQJ 4x120/41-AS | 0042280 | 40.8 | 2.36 | | | Cut length |
| AXQJ 4x120/41-AS | 0042285 | 40.8 | 2.36 | | | 500 |
| AXQJ 3x150/41-AS | 0042290 | 39.9 | 2.18 | | | Cut length |
| AXQJ 3x150/41-AS | 0042295 | 39.9 | 2.18 | | | 500 |
| AXQJ 4x150/41-AS | 0042300 | 44.8 | 2.74 | | | Cut length |
| AXQJ 4x150/41-AS | 0042305 | 44.8 | 2.74 | | | 500 |
| AXQJ 4x150/88-AS | 0042310 | 45.52 | 2.86 | | | Cut length |
| AXQJ 4x150/88-AS | 0042315 | 45.52 | 2.86 | | | 500 |
| AXQJ 3x185/57-AS | 0042320 | 44.18 | 2.77 | | | Cut length |
| AXQJ 3x185/57-AS | 0042325 | 44.18 | 2.77 | | | 500 |

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| Name | E-Number | Outer diameter [mm] | Total weight [kg/km] | Max resistance of conductor @20°C [Ω/km] | Max resistance of conductor @20°C [Ω/km] | Std. Length [m] |
|-------------------|----------|---------------------|----------------------|--|--|-----------------|
| AXQJ 4x185/57-AS | 0042330 | 49.2 | 3.43 | | | Cut length |
| AXQJ 4x185/57-AS | 0042335 | 49.2 | 3.43 | | | 500 |
| AXQJ 3x240/72-AS | 0042340 | 50.32 | 3.54 | | | Cut length |
| AXQJ 3x240/72-AS | 0042345 | 50.32 | 3.54 | | | 500 |
| AXQJ 4x240/146-AS | 0042360 | 55.68 | 4.99 | | | Cut length |
| AXQJ 4x240/146-AS | 0042365 | 55.68 | 4.99 | | | 500 |
| AXQJ 4x240/72-AS | 0042350 | 54.92 | 4.36 | | | Cut length |
| AXQJ 4x240/72-AS | 0042355 | 54.92 | 4.36 | | | 500 |
| AXQJ 3x300/88-AS | 0042370 | 51.16 | 4.29 | | | Cut length |
| AXQJ 3x300/88-AS | 0042375 | 51.16 | 4.29 | | | 500 |
| AXQJ 4x300/88-AS | 0042380 | 60.7 | 5.38 | | | Cut length |
| AXQJ 4x300/88-AS | 0042385 | 60.7 | 5.38 | | | 500 |

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