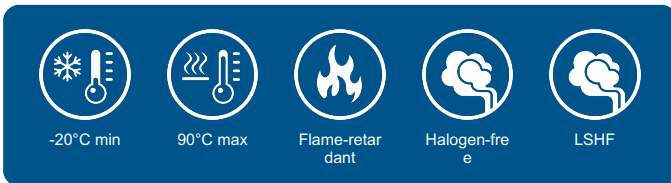




FXQJ 0,6/1KV



FXQJ 0.6/1 kV is a halogen-free, flame-retardant power cable with optional EMC shielding, providing effective protection against electromagnetic interference. It is designed for fixed open installation both indoors and outdoors and is suitable for laying in soil, air, water, as well as in conduits and ducts.

The cable is available with 3 or 4 sector-shaped copper conductors ranging from 10 mm² to 300 mm², ensuring high current-carrying capacity and efficient space utilization. The screen, made of annealed copper wires in a counter-spiral formation, delivers robust shielding and enhanced operational reliability.

FXQJ EMC 0.6/1 kV is an ideal choice for professional installations where safety and fire performance is essential.

APPLICATION

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

The conductors are made of annealed copper: round conductors in sizes 10–35 mm² and sector-shaped conductors from 50–240 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

APPROVAL



PROPERTIES

CPR class

Dca-s2,d2,a2

Max temperature

90 °C

Min. temperature

-20 °C

AC Voltage rating U₀/U (U_m)

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

AC Voltage rating U₀/U

0,6/1kV



Name	AC voltage rating	Construction	CPR class	Number of cores [pcs]	Outer diameter [mm]	Outer sheath thickness [mm]	Total weight [kg/km]
FXQJ 3x95/50-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	3	30.1	2.2	3520
FXQJ 4x16/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	4	21.9	1.8	1070
FXQJ 4x25/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	4	23.2	1.8	1530
FXQJ 4x35/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	4	25.5	1.8	1940
FXQJ 4x50/25-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	4	28.7	1.9	2360
FXQJ 4x70/35-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	4	32.3	2	3310
FXQJ 3x16/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	3	19.3	1.8	900
FXQJ 3x25/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	3	20.9	1.8	1260
FXQJ 3x35/16-R	0,6/1,0 (1,2)kV	Round, class 2	Dca	3	22.7	1.8	1590
FXQJ 3x50/25-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	3	26.4	1.9	1860
FXQJ 3x70/35-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	3	28.2	2	2607
FXQJ 4x95/50-S	0,6/1,0 (1,2)kV	Sector, class 2	Dca	4	34.1	2.2	4469

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