



S1XZ1-R 1kV

The cable may be used for fixed installation indoors and outdoors in air, ground and water.

STANDARDS

Product HD 603 S1/50

National SS 424 14 18

DESCRIPTION

DK-FXQ Easy™ 1 kV is a PEX-insulated and HFFR-sheathed house wiring cable with circular, stranded copper conductors. The cable is designed according to IEC 60 502/DS2393 I.A.P. The conductors have resistance and number of wires according to IEC 60228 class 2. The cores are identified by colours according to HD 308. The cable has a white inner layer of the sheath. The inner layer have longitudinal ridges which make the cable extremely easy to strip and resistant against pressure and impact. The sheath is marked type/manufacturer/year+month/metre marking. DK-FXQ Easy™ 1 kV meets the fire class Dca-s2,d2,a2 according to CPR and have protection against exposure of UV-light according to HD 626 S1 part 2.5.1. The conductor insulation shall be protected against UV light that can occur for example in light fixtures and light signs.

Lifemark™ recycling marking

The external surface of the outer sheath is embossed with a text which specifies all components in the polymers and prepares the cable for future recycling.

Quality and environmental management system

Certified according to ISO 9001, ISO/TS 16949 and ISO 14001.



Conductor flexibility
Class 2



Rated Voltage Uo/U
(Um)
0,6/1 kV



Minimum installation
temperature
-10 °C



Maximum operating
temperature
90 °C



Bending factor when
laying
8 (xD)



U.V resistance
Yes



Halogen free
Yes

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Round, stranded
Insulation	XLPE (Cross-linked Polyethylene)
Outer sheath	HFFR (polyolefin)
Colour	Grey
Conductor flexibility	Class 2

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	0,6/1 kV
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Usage characteristics

Minimum installation temperature	-10 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Length	500 m
Bending factor when laying	8 (xD)
U.V resistance	Yes

Fire safety characteristics

Halogen free	Yes
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PRODUCT LIST

Nexans Ref.	Country Ref.	Name	With Green/Yellow core	Nominal outer diameter [mm]
 34056098-207-05	-	DK-FXQ Easy™ 1kV 4x6	No	16.0
 34056198-207-05	-	DK-FXQ Easy™ 1kV 4x10	No	18.0
 34056598-207-05	-	DK-FXQ Easy™ 1kV 5G6	Yes	17.0
 34056698-207-05	-	DK-FXQ Easy™ 1kV 5G10	Yes	19.3
 34056798-207-05	-	DK-FXQ Easy™ 1kV 5G16	Yes	22.0
 34056298-207-05	-	DK-FXQ Easy™ 1kV 4x16	No	20.5

 = Make to order,  = In stock,

SELLING AND DELIVERY INFORMATION

DK-FXQ Easy™ 1 kV will be delivered in lengths of 500 m. The packaging is marked with manufacturer, type of cable and length.