

HXJ Easy™ 300/500 V

S05XZ1-U

The cable may be used for permanent installation on ladders, directly in walls, concrete, in conduits or ducts. For use indoors and outdoors but not in ground or water. The cable have protection against exposure of UV-light.

DESCRIPTION

The cable is a halogen free, XLPE-insulated and HFFR-sheathed house wiring cable with circular, solid copper conductors. The cable is designed according to SS 424 02 19-5 in applicated parts. The conductors have resistance and number of wires according to EN 60228 class 1. The cores are identified by colours according to HD 308. The sheath is marked: HXJ EASY size/ NEXANS GS /year+month/metre marking. The cable meets the requirements for fire classification according to CPR Eca 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. The cable is certified by Intertek SEMKO.

Lifemark(TM) 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.

Certification

Certified by Intertek SEMKO

Quality and environmental management system

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



Lifemark™



Conductor flexibility
Solid



Halogen free
Yes



Rated Voltage Uo/U
(Um)
300 / 500 V



Minimum
installation
temperature
-10 °C



Smoke density
IEC 61034



Gases corrosivity
IEC 60754-2



Ambient static op.
temp
-40 ... 70 °C



Max. conductor
temp.in service
90 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 10/26/23 www.nexans.dk Page 1 / 3

Nexans

HXJ Easy™ 300/500 V

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Circular
With Green/Yellow core	Yes
Conductor flexibility	Solid
Insulation	XLPE
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes

Dimensional characteristics

Neutral conductor section (when smaller)	- mm²
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Electrical characteristics

Rated Voltage U ₀ /U (Um)	300 / 500 V
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Usage characteristics

Minimum installation temperature	-10 °C
Short-circuit max. conductor temperature	250 °C
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Ambient static operating temperature, range	-40 ... 70 °C
Max. conductor temperature in service	90 °C
U.V resistance	Yes

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Cross section [mm²]	Nom. outer diam. [mm]	Approx. weight [kg/100m]	Packaging
14120140	-	HXJ Easy™ 300/500 V 3G1,5	1.5	7.8	9.3	Coil
14120199	-	HXJ Easy™ 300/500 V 3G1,5	1.5	7.8	9.3	PW6
14120156	-	HXJ Easy™ 300/500 V 3G1,5	1.5	7.8	9.3	Reel
14120340	-	HXJ Easy™ 300/500 V 5G1,5	1.5	8.9	13.4	Coil
14120399	-	HXJ Easy™ 300/500 V 5G1,5	1.5	8.9	13.4	PW6
14120351	-	HXJ Easy™ 300/500 V 5G1,5	1.5	8.9	13.4	Reel
14120440	-	HXJ Easy™ 300/500 V 3G2,5	2.5	8.6	13.2	Coil
14120499	-	HXJ Easy™ 300/500 V 3G2,5	2.5	8.6	13.2	PW6
14120451	-	HXJ Easy™ 300/500 V 3G2,5	2.5	8.6	13.2	Reel

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Generated 10/26/23 www.nexans.dk Page 2 / 3



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Nexans Ref.	Country Ref.	Name	Cross section [mm²]	Nom. outer diam. [mm]	Approx. weight [kg/100m]	Packaging
14120630	-	HXJ Easy™ 300/500 V 5G2,5	2.5	10.3	19.6	Coil
14120698	-	HXJ Easy™ 300/500 V 5G2,5	2.5	10.3	19.6	K7
14120699	-	HXJ Easy™ 300/500 V 5G2,5	2.5	10.3	19.6	PW6
14120646	-	HXJ Easy™ 300/500 V 5G2,5	2.5	10.3	19.6	Reel

SELLING AND DELIVERY INFORMATION

The cable will be delivered in lengths of 50 to 500 m. The drum is marked with manufacturer, type of cable and length.