

# EXQ 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. 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: Cable type/ size/ NEXANS GS /year+month/metre marking. The cable meets the requirements for fire classification according to CPR Dcas2d2a2 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™

## STANDARDS

National Factory standard;  
SS 424 02 19-5



Conductor flexibility  
**Solid**



Halogen free  
**Yes**



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



Minimum  
installation  
temperature  
**-10 °C**



Maximum operating  
temperature  
**70 °C**



Ambient static op.  
temp  
**-40 - 70 °C**



Smoke density  
**IEC 61034**



Gases corrosivity  
**IEC 60754-2**

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 1/6/23 [www.nexans.se](http://www.nexans.se) Page 1 / 3

# EXQ Easy™ 300/500 V

## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
Conductor shape	Circular
With Green/Yellow core	Yes
Conductor flexibility	Solid
Insulation	XLPE 70 degrees
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes


















### Electrical characteristics

Rated Voltage U <sub>o</sub> /U (Um)	300 / 500 V
--------------------------------------	-------------

### Usage characteristics

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

## PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Number of cores	Conductor cross-section [mm <sup>2</sup> ]	Nominal outer diameter [mm]
 14110156	0445703	EXQ Easy™ 300/500 V 3G1,5	3	1.5	7.8
 14110256	0445713	EXQ Easy™ 300/500 V 4G1,5	4	1.5	8.8
 14110351	0445724	EXQ Easy™ 300/500 V 5G1,5	5	1.5	9.0
 14110451	0445734	EXQ Easy™ 300/500 V 3G2,5	3	2.5	9.0
 14110546	0445743	EXQ Easy™ 300/500 V 4G2,5	4	2.5	9.6
 14110646	0445753	EXQ Easy™ 300/500 V 5G2,5	5	2.5	10.2
 14110140	0445702	EXQ Easy™ 300/500 V 3G1,5	3	1.5	7.8
 14110199	0445705	EXQ Easy™ 300/500 V 3G1,5	3	1.5	7.8
 14110230	0445711	EXQ Easy™ 300/500 V 4G1,5	4	1.5	8.8
 14110299	0445715	EXQ Easy™ 300/500 V 4G1,5	4	1.5	8.8
 14110330	0445721	EXQ Easy™ 300/500 V 5G1,5	5	1.5	9.0
 14110399	0445725	EXQ Easy™ 300/500 V 5G1,5	5	1.5	9.0
 14110499	0445735	EXQ Easy™ 300/500 V 3G2,5	3	2.5	9.0
 14110430	0445731	EXQ Easy™ 300/500 V 3G2,5	3	2.5	9.0
 14110530	0445741	EXQ Easy™ 300/500 V 4G2,5	4	2.5	9.6
 14110599	0445745	EXQ Easy™ 300/500 V 4G2,5	4	2.5	9.6
 14110630	0445751	EXQ Easy™ 300/500 V 5G2,5	5	2.5	10.2

 = Make to order,  = In stock,

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 1/6/23 www.nexans.se Page 2 / 3



# EXQ Easy™ 300/500 V

Nexans Ref.	Country Ref.	Name	Number of cores	Conductor cross-section [mm <sup>2</sup> ]	Nominal outer diameter [mm]
☐ 14110184	0445707	EXQ Easy™ 300/500 V 3G1,5 Cable Guy	3	1.5	7.8
☐ 14110284	0445717	EXQ Easy™ 300/500 V 4G1,5 Cable Guy	4	1.5	8.8
☐ 14110384	0445727	EXQ Easy™ 300/500 V 5G1,5 Cable Guy	5	1.5	9.0
☐ 14110699	0445755	EXQ Easy™ 300/500 V 5G2,5	5	2.5	10.2

☒ = Make to order, ☐ = In stock,

## 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.