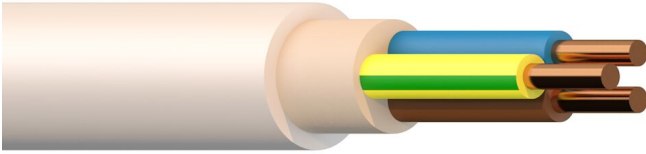


## PFXP-EX 500V

### Installation Cable



### GENERAL INFO

Fixed bedding, in pipes, duct, in or under plaster, cable ladder or suspended in wire. Can be used indoors and outdoors, though not misplaced in the ground or in water. UV-protected for outdoor use. The conductor insulation must be protected against direct UV light which may occur by, for example, connecting in lighting fixtures or light signs

Cenelec: NO-05XV-U

### CABLE CONSTRUCTION

Conductor material	Copper
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Twisted cores	Yes
Material outer sheath	Polyvinyl chloride (PVC)
Cable shape	Round
Flame retardant	In accordance with EN/IEC 60332-1-2

### MARKING TEXT ON OUTER SHEATH (EXAMPLE)

Insulation colours:

3G = Yellow/Green - Blue - Brown

4G = Yellow/Green - Brown - Black - Grey

5G = Yellow/Green - Blue - Brown - Black - Grey

## STANDARDS APPLIED



**NEK 535**  
**IEC 60332-1**  
**EN 50575:2014+A1:2016**  
**IEC 60228 Class 1**

Construction  
 Flame retardant properties  
 Reaction to fire  
 Conductors

## APPLICATION PROPERTIES

Nominal voltage U <sub>0</sub> [V]	300
Nominal voltage U [V]	500
Rated voltage U <sub>0</sub> /U (U <sub>m</sub> )	300/500 V
Flame retardant	In accordance with EN/IEC 60332-1-2
Reaction-to-fire class (acc. EN 13501-6)	Eca
Max. conductor temperature [°C]	90
Min. outer temperature, fixed installation [°C]	-40
Max. outer temperature, fixed installation [°C]	70
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-15
Suitable as installation cable	Yes
Bending radius (rule)	3xD

**PRODUCT RANGE / ORDER DATA**

Basic construction	Colour outer sheath	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
3G1,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	50	6430010758471	20140437	1000276
3G1,5mm <sup>2</sup>	White	1003021	Bobbin	300	6430010753230	20140438	1000270
3G2,5mm <sup>2</sup>	White	1005732	Trekk&Kapp	50	6430010753278	20140436	1000277
3G2,5mm <sup>2</sup>	White	1005732	Bobbin	300	6430010753261	20140298	1000273
4G1,5mm <sup>2</sup>	White	1003021	Bobbin	250	6430010754084	20152468	1000271
4G2,5mm <sup>2</sup>	White	1003021	Bobbin	200	6430010754091	20152469	1000274
5G1,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	50	6430010753285	20140439	1000280
5G1,5mm <sup>2</sup>	White	1003021	Bobbin	250	6430010754107	20142440	1000272
5G2,5mm <sup>2</sup>	White	1003021	Trekk&Kapp	40	6430010753292	20140440	1000281
5G2,5mm <sup>2</sup>	White	1003021	Bobbin	200	6430010754114	20142441	1000275

ER = Copper solid round  
 FR = Copper stranded round  
 FV = Copper stranded sectorshaped  
 AFR = Aluminium stranded round  
 AFV = Aluminium stranded sectorshaped

## DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
PFXP-EX 500V 3G1,5 TK50	Trekk&Kapp	50	5.1	1003021	1000276
PFXP-EX 500V 3G1,5MM2 S300	Bobbin	300	31	1003021	1000270
PFXP-EX 500V 3G2,5 TK50	Trekk&Kapp	50	6.6	1005732	1000277
PFXP-EX 500V 3G2,5MM2 S300	Bobbin	300	41.5	1005732	1000273
PFXP-EX 500V 4G1,5MM2 S250	Bobbin	250	31.5	1003021	1000271
PFXP-EX 500V 4G2,5MM2 S200	Bobbin	200	35.5	1003021	1000274
PFXP-EX 500V 5G1,5 TK50	Trekk&Kapp	50	7.1	1003021	1000280
PFXP-EX 500V 5G1,5MM2 S250	Bobbin	250	37	1003021	1000272
PFXP-EX 500V 5G2,5 TK40	Trekk&Kapp	40	8.1	1003021	1000281
PFXP-EX 500V 5G2,5MM2 S200	Bobbin	200	42	1003021	1000275

ER = Copper solid round  
 FR = Copper stranded round  
 FV = Copper stranded sectorshaped  
 AFR = Aluminium stranded round  
 AFV = Aluminium stranded sectorshaped

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