

XPUJ

XLPE insulated installation cable



Application

XPUJ (XPJ-BLACK) is intended to use for fixed surface or flush-mounted installations, indoors, outdoors and in ground.

Max. permissible tensile stress during installation Ax50 N/mm²

Rated voltage

1,5 - 2,5 mm² U0/U=300/500 V
> 2,5 mm² U0/U=450/750 V

Temperature range

Highest permissible conductor temperature
- in continuous operation 70 °C
- in a short circuit (max. 5 s) 250 °C
Lowest recommended handling temperature -15 °C

Bending radius

Recommended during installation min. 10D
In a final installation if bent only once min 3D

Standards

EVS 720:2015
IEC 60332-1

Construction

Conductor 1,5 - 4 mm² annealed one core copper conductor IEC 60228 class 1
>4 mm² stranded copper conductor IEC 60228 class 2
Insulation XLPE, core identification by colours
Filling filling compound
Sheath black PVC, marked by metres

Identification of cores

Core identification according to the HD 308 S2

X type without green/yellow core

2-core blue, brown
3-core brown, black, grey

G type with green/yellow core

3-core green/yellow, blue, brown
4-core 300V green/yellow, blue, brown, black
4-core 450V green/yellow, brown, black, grey
5-core green/yellow, blue, brown, black, grey

Certificate/approval

CE

Conductors x cross section	EAN code, reel	EAN code, drum	Overall diameter	Total weight	Direct current resistance of conductor at 20 °C max	Standard delivery length, reel	Standard delivery length, drum	Drum
n x mm ²			mm	kg/km	Ω/km	m	m	
2x1,5	4741532029003	4741532029010	7,4	83	12,1	100	2000	K7
2x2,5	4741532029034	4741532029041	8,3	113	7,41	100	2000	K7
3G1,5	4741532029119	4741532029102	7,7	96	12,1	100	500	S5
3G2,5	4741532029140	4741532029164	8,6	133	7,41	100	500	K6
3G2,5		4741532029157	8,7	138	7,4		1000	K7
3G4	4741532029409	4741532029416	10,9	216	4,61	100	500	K7
3G6		4741532029379	12,6	309	3,1		500	K7
4G1,5	4741532029317		8,4	116	12,10	100		
4G2,5	4741532029348	4741532029355	9,3	161	7,4	100	500	K6
4G4	4741532029430	4741532029447	11,8	262	4,61	100	500	K7
4G6		4741532029454	13,7	383			500	K7
4G10		4741532029461	16,7	603			500	K8
4G16		4741532029478	19,5	894			500	K9
5G1,5	4741532029515	4741532029508	9,1	140	12,10	100	500	K8
5G2,5	4741532029546	4741532029539	10,3	203	7,4	50	500	K7
5G2,5	4741532029560	4741532029553	10,2	197	7,41	100	750	K7
5G4	4741532029584	4741532029577	10,3	203	4,6	100	500	K7
5G6		4741532029386	14,9	454	3,08		500	K8
5G10		4741532029393	18,4	727	1,8		500	K9
5G16		4741532029485	21,4	1 071	1,15		500	K11