

XPJ 450/750

XLPE insulated installation cable



Application

For fixed surface or flush-mounted installations, indoors and outdoors. Suitable for installation in a slot covered with plaster. Not for installation directly in ground or directly in concrete without protective ducting. Cable needs protection from direct sunlight. Core insulation should be protected from direct UV radiation, which may occur inside lighting for example.

Max. permissible tensile stress during installationAx50 N/mm²

Rated voltage

U₀/U=450/750 V

Temperature range

Highest permissible conductor temperature
- in continuous operation70 °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. 4D

Construction

Conductor 4 mm² annealed one core copper conductor IEC 60228 class 1
6 - 25 mm² stranded copper conductor IEC 60228 class 2
Insulation XLPE, core identification by colours
Filling filling compound
Sheath white PVC

Identification of cores

Core identification according to the HD 308 S2

G type with green/yellow core

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

Standards

EVS 720:2015
IEC 60332-1

Certificate/approval

CE

Conductors x cross section	EAN code	Overall diameter ⁽¹⁾	Total weight ⁽¹⁾	Direct current resistance of conductor at 20 °C max	Standard delivery length	Drum
n x mm ²		mm	kg/km	Ω/km	m	
3G4	4741532028174	10,9	221	4,61	1000	K8
3G6	4741532028204	12,6	309	3,08	500	K7
3G10	4741532028259	15,1	475	1,83	400	K7
3G16	4741532028297	17,7	705	1,15	250	K7
3G25	4741532028334	21,6	1 056	0,73	250	K8
4G4	4741532028372	11,8	266	4,61	1000	K9
4G6	4741532028402	13,7	383	3,08	500	K7
4G10	4741532028433	16,7	603	1,83	400	K8
4G16	4741532028471	19,5	894	1,15	250	K7
4G25	4741532028495	23,7	1 333	0,73	250	K9
5G4	4741532028594	12,7	321	4,61	100	
5G4	4741532028570	12,7	321	4,61	500	K8
5G4	4741532028624	12,7	321	4,61	1000	K9
5G6	4741532028600	14,9	454	3,08	500	K8
5G10	4741532028631	18,4	727	1,83	250	K7
5G16	4741532028679	21,4	1 071	1,15	250	K8
5G25	4741532028693	26,2	1 612	0,73	250	K9

¹⁾ Approximate value.