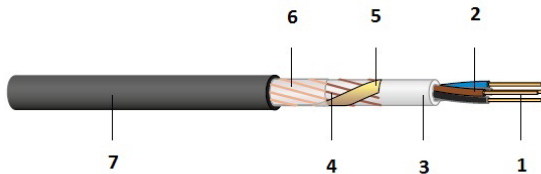


N2XCH

Safety cable, 0.6/1kV, Euroclass Cca

halogen-free, with improved fire characteristics,
CENELEC HD 604 S1, VDE 0276-604



- 1 Conductor: solid/ stranded
- 2 Insulation: cross-linked PE, zero halogen
- 3 Filler: flame retardant, zero halogen
- 4 Concentric conductor: bare copper wire
- 5 Reinforcing helix: bare copper tape
- 6 Separator: plastic tape
- 7 Sheath: FRNC/LSZH



Description

For permanent installation in dry, damp or wet areas, on or behind plasterwork or in walls or concrete. Also suitable for outdoor applications.

The cable should only be laid directly in earth or water if a protective conduit is used.
Permitted operating temperature at conductor of +90°C.

Costruzione

Colori delle anime	CENELEC HD 308 S2, VDE 0293
Conduttore	Bare copper, solid or stranded, IEC 60228 and EN 60228 (VDE 0295)
Conduttore concentrico	Bare copper wires with reinforced helix
Isolamento	Cross-linked Polyethylene, CENELEC HD 604 S1 and VDE 0276-604
Outer sheath material	Flame retardant Polyolefin compound, CENELEC HD 604 S1 and VDE 0276-604 "HM4"
Riempitrice	Halogen-free compound or plastic tape

Proprietà generali

Installation temperature	-5 °C - +50 °C
Integrità del circuito	No
Integrità dell'isolamento	No
Operating temperature	-45 °C - +90 °C

Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	12 x D
Minimum bending radius permanent (multi core)	12 x D
Remarks bending radius	*50% reduction if installation at 30°C and with a template

Standards

Reaction to fire (Euroclasses)	EN 13501-6: C _{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Flame Propagation	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame Spread	IEC 60332-3-24, EN 60332-3-24, AREI-RGIE Art.104-F2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

Versions

Numero Materiale	Product	Reaction To Fire	Numero di core	Diametro mm ²	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Conductor	Construction	Packing unit
17017204CZ	N2XCH 3 x 50/25	Cca-s1,d1,a1	3	50/25	29	1.723	1.990	2,72	solid	3L	al metro
17017504CZ	N2XCH 3 x 70/35	Cca-s1,d1,a1	3	70/35	34,8	2.410	2.830	4,11	stranded	3L	al metro
17019704CZ	N2XCH 3 x 95/50	Cca-s1,d1,a1	3	95/50	37,7	3.296	4.350	4,60	stranded	3L	al metro
17017404CZ	N2XCH 3 x 120/70	Cca-s1,d1,a1	3	120/70	41,6	4.236	5.270	5,55	stranded	3L	al metro
17019804CZ	N2XCH 3 x 150/70	Cca-s1,d1,a1	3	150/70	45,6	5.100	5.450	6,68	stranded	3L	al metro
17018404CZ	N2XCH 4 x 50/25	Cca-s1,d1,a1	4	50/25	34,4	2.203	2.600	3,38	stranded	3LN	al metro
17018504CZ	N2XCH 4 x 70/35	Cca-s1,d1,a1	4	70/35	40,5	3.082	3.550	4,48	stranded	3LN	al metro
17018604CZ	N2XCH 4 x 95/50	Cca-s1,d1,a1	4	95/50	44,4	4.208	4.800	5,44	stranded	3LN	al metro
17018704CZ	N2XCH 4 x 120/70	Cca-s1,d1,a1	4	120/70	48,3	5.382	6.500	6,38	stranded	3LN	al metro
17018804CZ	N2XCH 4 x 150/70	Cca-s1,d1,a1	4	150/70	53,2	6.540	7.950	7,97	stranded	3LN	al metro
17018904CZ	N2XCH 4 x 185/95	Cca-s1,d1,a1	4	185/95	58,9	8.159	9.970	9,86	stranded	3LN	al metro

Additional dimensions available on request. DoP on request.

Con riserva di modifiche tecniche

A partire da 2021-03-22 12:08:54