

N2XH

Safety cable, single-core, 0.6/1kV, Euroclass Cca

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



- 1 Conductor: solid/stranded
- 2 Insulation: zero halogen
- 3 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)
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 (anima singola)	15 x D
Minimum bending radius permanent (single core)	15 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

Nota

Additional dimensions available on request.

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]	Fire load [kWh/m]	Conductor	Construction	Packing unit
17000301CZ	N2XH-O 1 x 16	Cca-s1a,d2,a1	1	16	9,8	154	230	0,36	stranded	L	al metro
17000401CZ		Cca-s1a,d2,a1	1	25			345		stranded		al metro
17000501CZ		Cca-s1a,d2,a1	1	25			345		stranded		al metro
17001001CZ		Cca-s1a,d2,a1	1	35			445		stranded		al metro
17002601CZ	N2XH-J 1 x 35	Cca-s1a,d2,a1	1	35	12,9	336	445	0,55	stranded	PE	al metro
17000601CZ		Cca-s1a,d2,a1	1	50			600		stranded		al metro
17000701CZ		Cca-s1a,d2,a1	1	50			600		stranded		al metro
17001801CZ		Cca-s1a,d2,a1	1	70			810		stranded		al metro
17003001CZ	N2XH-J 1 x 70	Cca-s1a,d2,a1	1	70	16,2	672	810	0,84	stranded	PE	al metro
17000801CZ		Cca-s1a,d2,a1	1	95			1.070		stranded		al metro
17000901CZ	N2XH-J 1 x 95	Cca-s1a,d2,a1	1	95	18,1	912	1.070	0,97	stranded	PE	al metro
17001901CZ	N2XH-O 1 x 120	Cca-s1a,d2,a1	1	120	19,6	1.152	1.330	1,10	stranded	L	al metro
17002501CZ		Cca-s1a,d2,a1	1	120			1.330		stranded		al metro
17002001CZ		Cca-s1a,d2,a1	1	150			1.620		stranded		al metro
19156601CZ		Cca-s1a,d2,a1	1	150			1.620		stranded		al metro
17001101CZ		Cca-s1a,d2,a1	1	185			1.990		stranded		al metro
17003101CZ	N2XH-J 1 x 185	Cca-s1a,d2,a1	1	185	24,7	1.776	1.990	1,72	stranded	PE	al metro
17001201CZ		Cca-s1a,d2,a1	1	240			2.570		stranded		al metro
17001301CZ	N2XH-O 1 x 300	Cca-s1a,d2,a1	1	300	29,8	2.880	3.180	2,58	stranded	L	al metro
17002901CZ		Cca-s1a,d2,a1	1	300			3.180		stranded		al metro

DoP on request.

Con riserva di modifiche tecniche

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