

NHXMH

Power cable, 300/500V

halogen-free, with improved fire characteristics,
VDE 250-214



- 1 Conductor: solid/stranded
- 2 Insulation: cross-linked PE zero halogen
- 3 Filler: flame retardant zero halogen
- 4 Sheath: FRNC/LSZH



Description

For permanent installation in dry, damp or wet areas, on or behind plasterwork or in walls or concrete, except for direct embedding in cast, rammed or vibrated concrete.
Also suitable for outdoor applications.

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 "2X11"
Outer sheath material	Polyolefin compound, VDE 0250-214 "HM2"
Riempitrice	Halogen-free compound

Proprietà generali

Impronta	On request
Installation temperature	5 °C - +50 °C
Integrità del circuito	No
Integrità dell'isolamento	No
Operating temperature	-40 °C - +70 °C

Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	6 x D
Minimum bending radius permanent (multi core)	4 x D

Standards

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	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
154675	NHXMH-02 x 1.5	2	1.5	8,5	29	100	0,33	solid	LN
154676	NHXMH-02 x 2.5	2	2.5	9	48	115	0,33	solid	LN
149254	NHXMH-J 3 x 1.5	3	1.5	9,2	43	110	0,33	solid	LNPE
154369	NHXMH-J 3 x 2.5	3	2.5	10	72	145	0,38	solid	LNPE
154677	NHXMH-J 3 x 4	3	4	12	115	230	0,59	solid	LNPE
154678	NHXMH-J 3 x 6	3	6	13	173	300	0,68	solid	LNPE
173842	NHXMH-J 3 x 10	3	10	16	288	510	1,08	solid	LNPE
154367	NHXMH-J 4 x 1.5	4	1.5	9	58	130	0,38	solid	2LNPE
154679	NHXMH-J 4 x 2.5	4	2.5	10,5	96	200	0,46	solid	2LNPE
154680	NHXMH-J 4 x 4	4	4	12,5	154	290	0,70	solid	2LNPE
154681	NHXMH-J 4 x 6	4	6	14	230	390	0,83	solid	2LNPE
174718	NHXMH-J 4 x 10	4	10	17	384	620	1,25	solid	2LNPE
154368	NHXMH-J 5 x 1.5	5	1.5	10	72	150	0,44	solid	3LNPE
154370	NHXMH-J 5 x 2.5	5	2.5	11	120	205	0,50	solid	3LNPE
154371	NHXMH-J 5 x 4	5	4	13,5	192	340	0,81	solid	3LNPE
154372	NHXMH-J 5 x 6	5	6	15	288	455	0,93	solid	3LNPE
169929	NHXMH-J 5 x 10	5	10	18,5	480	730	1,44	solid	3LNPE
169930	NHXMH-J 5 x 16	5	16	22,5	768	1.150	2,06	stranded	3LNPE
154682	NHXMH-J 7 x 1.5	7	1.5	10,5	101	195	0,55	solid	5LPE
154683	NHXMH-J 7 x 2.5	7	2.5	12,5	168	285	0,74	solid	5LPE
174719	NHXMH-J 10 x 1.5	10	1.5	14,5	144	330	0,92	solid	9LPE
156849	NHXMH-J 12 x 1.5	12	1.5	15	173	345	0,95	solid	11LPE
174720	NHXMH-J 24 x 1.5	24	1.5	19,5	346	610	1,65	solid	23LPE

Con riserva di modifiche tecniche

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