

PREVENTIVE FIRE PROTECTION

N2XH

Safety cable 0.6/1kV

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



PRODUCT INFORMATION



APPLICATION

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.

CONSTRUCTION

Conductor	Bare copper, solid or stranded, IEC 60228, EN 60228, (VDE 0295)
Insulation	Cross-linked polyethylene, CENELEC HD 604 S1 and VDE 0276-604
Filler	Halogen-free compound or plastic tape
Outer sheath	Polyolefin compound, CENELEC HD 604 S1 and VDE 0276-604 "HM4"
Core colours	CENELEC HD 308 S2 and VDE 0293
Sheath colour	Black
Imprint	On request

ELECTRICAL PROPERTIES

Nominal voltage	0.6/1kV
Test voltage	4000V, 50Hz

GENERAL PROPERTIES

Minimum bending radius	during and permanent installation	15* x D (single core cable) 12* x D (multicore cable) (D = outer diameter)
	permanent installation	*50% reduction if installation at 30°C and with a template
Operating temperature	permanent installation	-45°C to +90°C
	during installation	-5°C to +50°C

Zero halogen	IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2
non corrosive gases	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Flame propagation	IEC 60332-3-22/-24 Cat. A/C, EN 60332-3-22/-24 Cat. A/C, VDE 0482-332-3-22/-24 Cat. A/C
Flame spread	IEC 60332-3-22/-24 Cat. A/C
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

Safety cables

Support systems

Fixing devices

Firestop systems

Distribution boxes

Accessories

Information

pyrofit N2XH 0511/e

PRODUCT INFORMATION

Article No.	No. of cores x cross section		Core colours	Cu content	Total weight	Outer diameter	Fire load	
	n	x mm ²						kg/km
170 000	1	x 4	RE	black	38	75	6,4	0,20
170 022	1	x 4	RE	green/yellow	38	75	6,4	0,20
170 001	1	x 6	RE	black	58	97	6,9	0,22
170 002	1	x 6	RE	green/yellow	58	97	6,9	0,22
170 015	1	x 10	RE	black	96	140	7,7	0,26
170 023	1	x 10	RE	green/yellow	96	140	7,7	0,26
170 003	1	x 16	RM	black	154	202	9,1	0,36
170 014	1	x 16	RM	green/yellow	154	202	9,1	0,36
170 004	1	x 25	RM	black	240	302	11,0	0,48
170 005	1	x 25	RM	green/yellow	240	302	11,0	0,48
170 010	1	x 35	RM	black	336	397	12,0	0,55
170 026	1	x 35	RM	green/yellow	336	397	12,0	0,55
170 006	1	x 50	RM	black	480	523	13,0	0,65
170 007	1	x 50	RM	green/yellow	480	523	13,0	0,65
170 018	1	x 70	RM	black	672	745	15,0	0,84
170 030	1	x 70	RM	green/yellow	672	745	15,0	0,84
170 008	1	x 95	RM	black	912	986	17,0	0,97
170 009	1	x 95	RM	green/yellow	912	986	17,0	0,97
170 019	1	x 120	RM	black	1152	1214	18,0	1,10
170 025	1	x 120	RM	green/yellow	1152	1214	18,0	1,10
170 020	1	x 150	RM	black	1440	1536	21,0	1,43
191 566	1	x 150	RM	green/yellow	1440	1536	21,0	1,43
170 011	1	x 185	RM	black	1776	1888	23,0	1,72
170 031	1	x 185	RM	green/yellow	1776	1888	23,0	1,72
170 012	1	x 240	RM	black	2304	2472	26,0	2,02
170 016	1	x 240	RM	green/yellow	2304	2472	26,0	2,02
170 013	1	x 300	RM	black	2880	2945	28,0	2,34
170 029	1	x 300	RM	green/yellow	2880	2945	28,0	2,34

RE = circular, solid conductor

RM = circular, stranded conductor

Additional dimensions available on request.