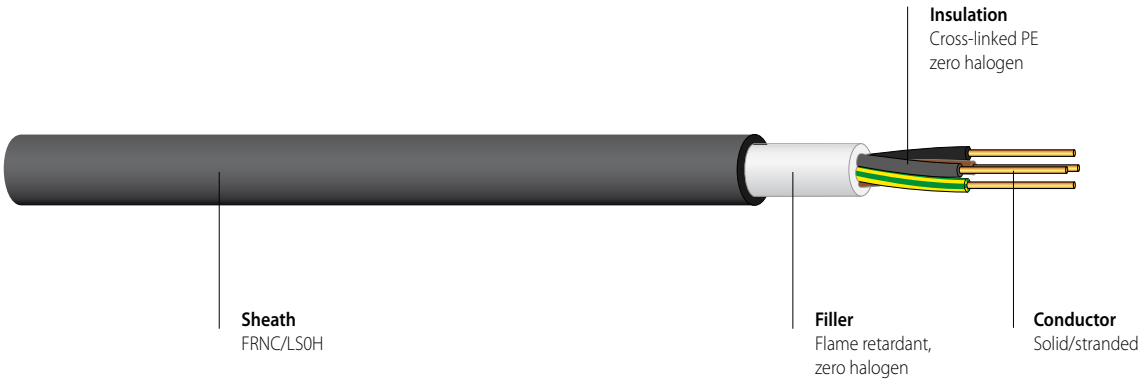
N2XH

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 non corrosive gases		IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2
Flame propagation		IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Flame spread		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
Smoke density		IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

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Article No.	No. of cores x cross section n x mm²				Cu content kg/km	Total weight app. kg/km	Outer diameter app. mm	Fire load app. kWh/m
190 524	2	x	1,5	RE	29	120	8,0	0,38
188 201	3	x	1,5	RE	43	135	9,0	0,44
188 204	3	x	2,5	RE	72	181	10,0	0,51
188 349	3	x	4	RE	115	242	11,0	0,60
188 210	3	x	6	RE	173	319	12,5	0,70
190 505	3	x	10	RE	288	464	14,0	0,83
188 216	3	x	16	RM	461	697	17,0	1,22
188 202	4	x	1,5	RE	58	163	10,0	0,52
188 205	4	x	2,5	RE	96	214	11,0	0,60
188 208	4	x	4	RE	154	294	12,0	0,72
188 211	4	x	6	RE	230	390	14,0	0,83
188 214	4	x	10	RE	384	586	16,0	1,03
188 217	4	x	16	RM	614	874	19,0	1,50
188 219	4	x	25	RM	960	1332	23,0	2,14
188 028	4	x	35	RM	1344	1777	26,0	2,57
188 222	4	x	50	RM	1920	2343	29,0	3,15
188 030	4	x	70	RM	2688	3384	35,0	4,17
188 224	4	x	95	RM	3648	4490	39,0	5,16

RE = circular, solid conductor

RM = circular, stranded conductor

Additional dimensions available on request.