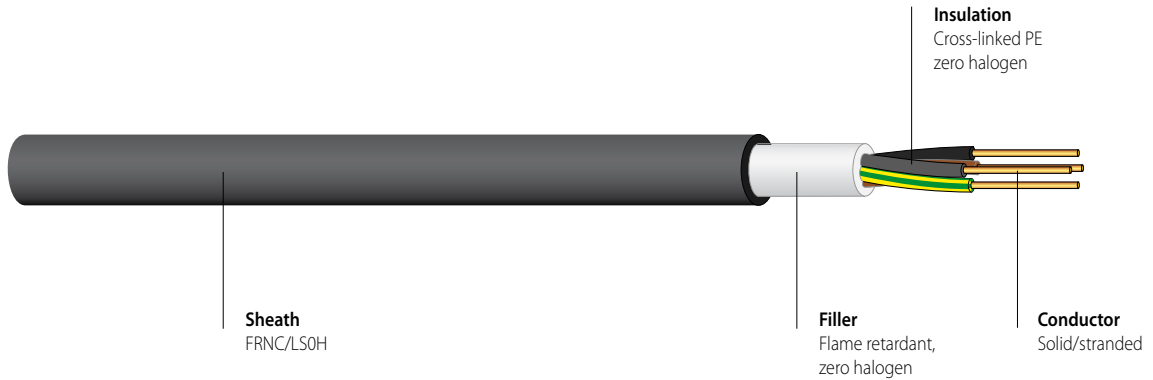


PREVENTIVE FIRE PROTECTION

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,
Flame spread	VDE 0482-332-3-22/-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				Cu content kg/km	Total weight app. kg/km	Outer diameter app. mm	Fire load app. kWh/m
	n x mm ²							
188 203	5	x	1,5	RE	72	193	11,0	0,62
188 206	5	x	2,5	RE	120	256	12,0	0,71
188 357	5	x	4	RE	192	352	13,0	0,85
188 358	5	x	6	RE	288	475	15,0	0,99
188 215	5	x	10	RE	480	708	17,0	1,22
188 218	5	x	16	RM	768	1081	21,0	1,87
188 220	5	x	25	RM	1200	1631	25,5	3,32
170 095	7	x	1,5	RE	101	230	12,0	0,73
170 096	7	x	2,5	RE	168	315	13,0	0,85
170 104	10	x	1,5	RE	144	326	15,0	1,03
170 105	10	x	2,5	RE	240	447	16,0	1,20
170 099	12	x	1,5	RE	173	365	15,0	1,14
170 106	12	x	2,5	RE	288	510	17,0	1,33
170 107	14	x	1,5	RE	202	420	16,0	1,27
170 100	19	x	1,5	RE	274	511	18,0	1,58
170 101	24	x	1,5	RE	346	664	21,0	2,06
170 108	30	x	1,5	RE	432	793	22,0	2,41

RE = circular, solid conductor
RM = circular, stranded conductor

Additional dimensions available on request.