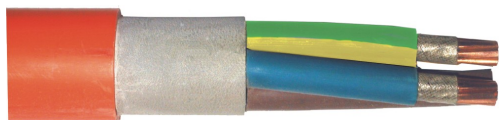




## Halogen-free cables - NHXH E90 safety cable



### Technical attributes

Standards	according to DIN VDE 0266
Conductor material	Cu, bare
Conductor type	Cu-bare
Conductor standard	DIN VDE 0295
Conductor category	1, 2
Core colours	DIN VDE 0293
Outer sheath	halogen-free special mixture
Outer sheath colour	orange
Temperature range min., mobile operation	-30 °C
Temperature range max., mobile operation	+90 °C
Temperature range min., fixed installation	-30 °C
Temperature range max., fixed installation	+90 °C
Nominal voltage U <sub>0</sub> /U	0,6/1 kV
halogen-free	
RoHS-compliant	yes

### Description

For fixed installation in dry and damp areas on, in and under plaster as well as in masonry and concrete. The cables are also suitable for outdoor use and soil with a transfer in tubes. In addition, the standard DIN VDE 0298 Part 1 and 2 Permissible operating temperature at conductor +90 °C. The cables meet the conditions of the test on insulation according to DIN VDE 0472 part 814/8.83 through 180 min and in accordance with IEC Publication 331, first edition. Integrity > 30 min or > 90 min according to DIN 4102 part 12, according to VDE 0107 and 0108th

### Note

safety cable

### Product table

product number	product name	halogen-free	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01605002	NHXX E90 3 x 1,5 RE		240,00	43,00	13,00	orange
01605003	NHXX E90 4 x 1,5 RE		280,00	58,00	14,00	orange
01605004	NHXX E90 5 x 1,5 RE		330,00	72,00	16,00	orange
01605005	NHXX E90 7 x 1,5 RE		380,00	101,00	17,00	orange
01605006	NHXX E90 10 x 1,5 RE		520,00	144,00	21,00	orange
01605007	NHXX E90 12 x 1,5 RE		580,00	173,00	22,00	orange
01605013	NHXX E90 3 x 2,5 RE		290,00	72,00	14,00	orange
01605014	NHXX E90 4 x 2,5 RE		350,00	96,00	15,00	orange
01605015	NHXX E90 5 x 2,5 RE		410,00	120,00	17,00	orange
01605016	NHXX E90 7 x 2,5 RE		480,00	168,00	18,00	orange



Halogen-free cables - NHXH E90  
safety cable

product number	product name	halogen-free	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01605017	NHXX E90 10 x 2,5 RE		680,00	240,00	23,00	orange
01605018	NHXX E90 12 x 2,5 RE		780,00	288,00	25,00	orange
01605025	NHXX E90 3 x 4 RE		360,00	115,00	15,00	orange
01605026	NHXX E90 4 x 4 RE		440,00	154,00	17,00	orange
01605027	NHXX E90 5 x 4 RE		520,00	192,00	18,00	orange
01605030	NHXX E90 3 x 6 RE		450,00	173,00	16,00	orange
01605031	NHXX E90 4 x 6 RE		560,00	230,00	18,00	orange
01605032	NHXX E90 5 x 6 RE		660,00	288,00	19,00	orange
01605035	NHXX E90 3 x 10 RE		620,00	288,00	18,00	orange
01605036	NHXX E90 4 x 10 RE		760,00	384,00	20,00	orange
01605037	NHXX E90 5 x 10 RE		950,00	480,00	22,00	orange
01605040	NHXX E90 3 x 16 RM		850,00	461,00	21,00	orange
01605041	NHXX E90 4 x 16 RM		1100,00	614,00	23,00	orange
01605042	NHXX E90 5 x 16 RE		1300,00	768,00	25,00	orange
01605045	NHXX E90 3 x 25 RM		1300,00	720,00	25,00	orange
01605046	NHXX E90 4 x 25 RM		1600,00	960,00	27,00	orange
01605047	NHXX E90 5 x 25 RM		2000,00	1200,00	30,00	orange
01605050	NHXX E90 4 x 35 RM		2100,00	1344,00	30,00	orange
01605052	NHXX E90 3 x 35 RM/16 RM		1800,00	1162,00	30,00	orange
01605055	NHXX E90 3 x 50 RM/25 RM		2500,00	1680,00	35,00	orange
01605056	NHXX E90 4 x 50 RM		2800,00	1920,00	34,00	orange
01605060	NHXX E90 3 x 70 RM/35 RM		3350,00	2352,00	39,00	orange
01605061	NHXX E90 4 x 70 RM		3800,00	2688,00	39,00	orange
01605065	NHXX E90 4 x 95 RM		5050,00	3648,00	44,00	orange
01605067	NHXX E90 3 x 120 RM/70 RM		5600,00	4128,00	46,00	orange
01605068	NHXX E90 4 x 120 RM		6150,00	4285,00	48,00	orange