

NHXMH

acc. to VDE 0250 part 214
with improved fire characteristics

ANWENDUNG

These cables are intended for fixed installation in dry and moist rooms as well as in masonry and concrete, in and under plaster; not for underground installation. NHXMH-J/O are especially used in buildings with a high concentration of persons or valuable property, where improved fire characteristics are needed. This product conforms to 2006/95/EG directive (low voltage directive).

TECHNISCHE DATEN

Nennspannung	300 / 500V
Prüfspannung	2.000V
Temperaturbereich	
bewegt	5°C bis 70°C
unbewegt	-20°C bis 70°C
Betriebstemperatur	70°C

AUFBAU

Kupferleiter	bare, single- or multi-wired, in dependence on DIN VDE 0250 part 204
Isolation	cross-linked polyethylene compound
Aderkennzeichnung	acc. to VDE 0293
Verseilung	stranded cores, filling compound
Außenmantel	halogen free thermoplastic polymer compound

BESONDERHEITEN

Behaviour under fire conditions:

Slow flame resistant
Low smoke
Behaviour under fire conditions according to VDE 0482 part 266-2-4, test type C.

acc. to VDE 0250 part 214
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APPLICATION

These cables are intended for fixed installation in dry and moist rooms as well as in masonry and concrete, in and under plaster; not for underground installation. NHXMH-J/O are especially used in buildings with a high concentration of persons or valuable property, where improved fire characteristics are needed. This product conforms to 2006/95/EG directive (low voltage directive).

TECHNICAL DATA

Nominal voltage	300 / 500V
Test voltage	2.000V
Temperature range VDE/HAR	
flexing	5°C to 70°C
fixed installation	-20°C to 70°C
Operating temperature	70C°

CONSTRUCTION

Copper conductor	bare, single- or multi-wired, in dependence on DIN VDE 0250 part 204
Insulation	cross-linked polyethylene compound
Core identification	acc. to VDE 0293
Stranding	stranded cores, filling compound
Sheath	halogen free thermoplastic polymer compound

SPECIAL FEATURES

Behaviour under fire conditions:

Slow flame resistant
Low smoke
Behaviour under fire conditions according to VDE 0482 part 266-2-4, test type C.

Artikel-Nr. Article-Nr.	Artikel-Bez. Artikel-Bez.	Abmessung Abmessung	Aussen-Ø Aussen-Ø	Farbe Farbe	CU-Zahl (kg/km) CU-Zahl (kg/km)
30110206	NHXMH-J	1 X 1,5	5,07	GR	14,4
30116806	NHXMH-J	1 X 2,5	5,45	GR	24,0
30130806	NHXMH-J	1 X 4	6,11	GR	38,4
30128306	NHXMH-J	1 X 6	6,61	GR	58,0
30131106	NHXMH-J	1 X 10	7,60	GR	96,0
30128206	NHXMH-J	1 X 16	9,11	GR	154,0
30130906	NHXMH-J	1 X 25	11,00	GR	240,0
30109906	NHXMH-J	3 X 1,5	7,91	GR	43,0
30110006	NHXMH-J	4 X 1,5	8,51	GR	58,0
30116006	NHXMH-J	5 X 1,5	9,21	GR	72,0
30132006	NHXMH-J	7 X 1,5	10,11	GR	101,0
30103406	NHXMH-J	10 X 1,5	12,90	GR	144,0
30109606	NHXMH-J	12 X 1,5	13,20	GR	173,0
30110506	NHXMH-J	3 X 2,5	8,82	GR	72,0
30109406	NHXMH-J	4 X 2,5	9,51	GR	96,0
30110306	NHXMH-J	5 X 2,5	10,31	GR	120,0
30128606	NHXMH-J	7 X 2,5	11,56	GR	168,0
30129306	NHXMH-J	3 X 4	10,51	GR	115,2
30129406	NHXMH-J	4 X 4	11,81	GR	154,0
30129506	NHXMH-J	5 X 4	12,81	GR	192,0
30129606	NHXMH-J	3 X 6	12,00	GR	173,0
30129706	NHXMH-J	4 X 6	13,00	GR	230,0
30129806	NHXMH-J	5 X 6	14,16	GR	288,0
30129906	NHXMH-J	3 X 10	14,11	GR	288,0
30130006	NHXMH-J	4 X 10	15,36	GR	384,0
30130106	NHXMH-J	5 X 10	16,86	GR	480,0
30130206	NHXMH-J	3 X 16	17,36	GR	460,8
30130306	NHXMH-J	4 X 16	19,01	GR	614,0
30130406	NHXMH-J	5 X 16	21,31	GR	768,0
30130506	NHXMH-J	3 X 25	21,41	GR	720,0
30130606	NHXMH-J	4 X 25	23,51	GR	960,0
30130706	NHXMH-J	5 X 25	25,91	GR	1200,0
30132506	NHXMH-J	4 X 35	26,16	GR	1344,0
30110106	NHXMH-O	1 X 1,5	5,07	GR	14,4
30116906	NHXMH-O	2 X 1,5	7,58	GR	29,0
30117006	NHXMH-O	3 X 1,5	7,91	GR	43,0
30132606	NHXMH-O	2 X 2,5	8,46	GR	48,0