



Code: NHXMH-O, NHXMH-J (052XZ1-U, 052XZ1-R)

O : Yellow / green veinless

J : Yellow / green core

Standards: VDE 0250 214, TSE K 328

Technical Data

Max. operating temperature : 70 °C

Max. short circuit temperature : 160 °C (max. 5 sec.)

Rated voltage : 300/500 V

Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plant, data processing centers, business centers where there is a risk of fire.

RE : Solid conductor (052XZ1-U)

RM : Stranded conductor (052XZ1-R)

Construction

- 1 Solid or stranded copper conductor 2 XLPE insulation 3 Filler 4 HFFR outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)
mm ²	mm	kg/km	m	ohm/km	In air at 30 °C
2x1,5 RE	8,5	110	100	12,1	28
2x2,5 RE	9,5	140	100	7,41	38
2x4 RE	10,5	200	100	4,61	52
2x6 RE	11,5	250	100	3,08	65
2x10 RM	15,0	430	1000	1,83	86
3x1,5 RE	9,0	125	100	12,1	24
3x2,5 RE	10,0	160	100	7,41	32
3x4 RE	11,0	230	100	4,61	42
3x6 RE	12,5	290	100	3,08	53
3x10 RM	15,0	520	1000	1,83	73
4x1,5 RE	9,5	150	100	12,1	24
4x2,5 RE	10,5	200	100	7,41	32
4x4 RE	12,5	270	100	4,61	42
4x6 RE	14,0	410	100	3,08	53
4x10 RM	18,0	640	1000	1,83	73
4x16 RM	20,0	940	1000	1,15	96
4x25 RM	25,0	1500	1000	0,727	130
4x35 RM	26,0	1900	1000	0,524	160
5x1,5 RE	10,5	165	100	12,1	18
5x2,5 RE	11,5	220	100	7,41	24
5x4 RE	14,0	370	100	4,61	31
5x6 RE	15,5	450	100	3,08	40
5x10 RM	18,0	770	1000	1,83	55
5x16 RM	23,0	1080	1000	1,15	72
5x25 RM	27,5	1680	1000	0,727	97