

0.6/1 kV

XLPE INSULATED AND HFFR SHEATHED HALOJEN FREE FIRE RESISTANT WITH COPPER CONDUCTOR SECURITY CONTROL CABLES



N2XCH FE 180

Code	N2XCH FE 180
Standarts	TS HD 604 S1 , DIN - VDE 0276-604
Construction	Copper Conductor, Mica Tape , XLPE Insulation , HFFR Filler , Copper wires screen , Copper tape , HFFR Outer Sheath
Application	Used in energy networks in refineries,hotels,schools, mines, tunnels,high constructions,hospitals, power plants,data processing centers, business centers where there is a risk of fire.
Technical Datas	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 12*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information	
Nominal cross -section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in
					Air(A)
mm ²	mm	kg/km	cm	ohm/km	
3x1.5/1.5 re	11,5	180	100	12,1	23
3x2.5/2.5 re	12,5	230	100	7,41	32
3x4/4 re	13,5	280	110	4,61	42
3x6/6 re	14,5	360	110	3,08	53
3x10/10 rm	17,5	550	120	1,83	73
3x16/10 rm	19,5	750	120	1,15	98
3x25/16 rm	22,0	1050	130	0,727	126
3x35/16 rm	24,5	1400	150	0,524	156
3x50/25 rm	27,5	1800	160	0,387	190
3x70/35 rm	32,0	2550	180	0,268	245
3x95/50 rm	35,5	3400	210	0,193	297
3x120/70 rm	40,0	4350	220	0,153	346
3x150/70 rm	45,0	5250	240	0,124	398
3x185/95 rm	49,5	6600	200*	0,0991	455
3x240/120 rm	54,5	8400	220*	0,0754	535
4x1.5/1.5 re	12,5	210	100	12,1	23
4x2.5/2.5 re	13,5	260	110	7,41	32
4x4/4 re	14,5	330	110	4,61	42
4x6/6 re	15,5	430	120	3,08	53
4x10/10 rm	19,0	650	120	1,83	73
4x16/10 rm	21,0	920	130	1,15	98
4x25/16 rm	25,0	1320	140	0,727	126
4x35/16 rm	27,0	1800	150	0,524	156
4x50/25 rm	31,0	2300	160	0,387	190
4x70/35 rm	36,0	3300	200	0,268	245
4x95/50 rm	40,0	4400	220	0,193	297
4x120/70 rm	44,0	5500	230	0,153	346
4x150/70 rm	49,5	6650	210*	0,124	398
4x185/95 rm	54,5	8400	220*	0,0991	455
4x240/120 rm	60,5	10700	240*	0,0754	535

re:Single-wire conductor • rm:Stranded conductor

* For 500 m lenght cables