

NYY-JI-O

Application

Indoor and outdoor installation, laying in ducts and under-ground, for power stations, industrial and other switch gears as well as local exchange, where increased mechanical protection is not required.



Product structure diagram

Executive Standard

DIN VDE 0276 603 or HD 603 S1, IEC 60502

Technical parameters

Rated voltage	0.6/1 KV
Conductor	Copper adapted to DIN VDE 0295 and IEC 60228-1/2
NYY-J Core identification	With yellow/green adapted to VDE0207-5. ≤ 5 cores: Adapted to VDE0293-8, ≥ 7 cores :black cores with white number
NYY-O Core identification	Without yellow/green adapted to VDE0207-5. ≤ 5 cores: Adapted to VDE0207-5, ≥ 7 cores :black cores with white number
Insulation	PVC
Sheath	PVC, flame-resistant
Outer sheath color	Black
Temperature range	Flexing: $-5^{\circ}\text{C} \sim /50^{\circ}\text{C}$
	Fixed installation: $-40^{\circ}\text{C} \sim /70^{\circ}\text{C}$
Min bend radius	Single core : $15 \times$ Cable diameter
	Multi-core: $12 \times$ Cable diameter
Cable`s self-extinguishing and flame retardant, test method according to IEC 60332	

(According to DIN VDE 0295)
 round, solid conductor
 round, stranded conductor
 sector-shaped conductor, solid
 sector-shaped conductor, stranded

LIAONING CREATE CABLE CO.,LTD.

Specification range

NYJ-J

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1001801	2 x 1,5 re	11,0	29,0	175,0
1001802	3 x 1,5 re	11,5	43,0	195,0
1001803	4 x 1,5 re	12,0	58,0	230,0
1001804	5 x 1,5 re	13,0	72,0	270,0
1001805	7 x 1,5 re	15,5	101,0	310,0
1001806	10x 1,5 re	18,0	144,0	380,0
1001807	12 x 1,5 re	19,0	173,0	420,0
1001808	14 x 1,5 re	20,0	202,0	470,0
1001809	16 x 1,5 re	21,0	230,0	520,0
1001810	19 x 1,5 re	22,0	274,0	570,0
1001811	21 x 1,5 re	23,0	302,0	650,0
1001812	24 x 1,5 re	25,0	346,0	750,0
1001813	30x 1,5 re	26,0	432,0	860,0
1001814	40 x 1,5 re	29,0	576,0	1070,0
1001815	61 x 1,5 re	34,0	878,0	1680,0
1001816	2 x 2,5 re	12,0	48,0	215,0
1001817	3 x 2,5 re	12,5	72,0	250,0
1001818	4 x 2,5 re	13,5	96,0	300,0
1001819	5 x 2,5 re	14,5	120,0	360,0
1001820	7 x 2,5 re	16,5	168,0	450,0
1001821	10 x 2,5 re	19,5	240,0	520,0
1001822	12 x 2,5 re	20,5	288,0	600,0
1001823	14 x 2,5 re	21,0	336,0	680,0
1001824	16 x 2,5 re	22,0	384,0	750,0
1001825	19 x 2,5 re	23,0	456,0	850,0
1001826	21 x 2,5 re	24,5	504,0	980,0
1001827	24 x 2,5 re	26,0	576,0	1120,0
1001828	30x 2,5 re	28,0	720,0	1280,0
1001829	40 x 2,5 re	31,5	960,0	1700,0
1001830	52 x 2,5 re	35,0	1248,0	2150,0
1001831	1 x 4 re	9,0	38,0	115,0
1001832	2 x 4 re	13,0	77,0	295,0
1001833	3 x 4 re	13,1	115,0	340,0
1001834	4 x 4 re	15,0	154,0	410,0
1001835	5 x 4 re	16,5	192,0	490,0
1001836	7 x 4 re	18,5	269,0	640,0
1001837	1 x 6 re	9,5	58,0	135,0
1001838	2 x 6 re	14,2	115,0	370,0
1001839	3 x 6 re	15,0	173,0	430,0
1001840	4 x 6 re	16,5	230,0	520,0

Specification range

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Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1001841	5 x 6 re	18,0	288,0	600,0
1001842	7 x 6 re	20,0	403,0	850,0
1001843	1 x 10 re	10,0	96,0	179,0
1001844	2 x 10 re	16,5	192,0	495,0
1001845	3 x 10 re	17,0	288,0	590,0
1001846	4 x 10 re	18,5	384,0	730,0
1001847	5 x 10 re	20,0	480,0	890,0
1001848	1 x 16 re	11,0	154,0	245,0
1001849	2 x 16 re	18,5	307,0	670,0
1001850	3 x 16 re	19,0	461,0	820,0
1001851	4 x 16 re	21,5	614,0	1045,0
1001852	5 x 16 re	22,5	768,0	1255,0
1001853	1 x 25	12,0	240,0	360,0
1001854	2 x 25	23,5	480,0	960,0
1001855	3 x 25	24,0	720,0	1320,0
1001856	4 x 25	26,0	960,0	1640,0
1001857	5 x 25	28,0	1200,0	1960,0
1001858	1 x 35	13,0	336,0	470,0
1001859	3 x 35	25,0	1008,0	1450,0
1001860	4 x 35	27,5	1344,0	1760,0
1001861	5 x 35	34,0	1680,0	2400,0
1001862	1 x 50	15,0	480,0	620,0
1001863	3 x 50	26,5	1440,0	1850,0
1001864	4 x 50	30,0	1920,0	2350,0
1001865	5 x 50	40,0	2400,0	3500,0
1001866	1 x 70	16,5	672,0	810,0
1001867	3 x 70	30,0	2016,0	2450,0
1001868	4 x 70	34,0	2688,0	3100,0
1001869	1 x 95	19,0	912,0	1110,0
1001870	3 x 95	34,5	2736,0	3300,0
1001871	4 x 95	39,0	3648,0	4250,0
1001872	1 x 120	20,5	1152,0	1360,0
1001873	3 x 120	37,0	3456,0	4100,0
1001874	4 x 120	42,5	4608,0	5300,0
1001875	1 x 150	22,5	1440,0	1670,0
1001876	3 x 150	40,0	4320,0	4900,0
1001877	4 x 150	47,5	5760,0	6400,0
1001878	1 x 185	25,0	1776,0	2050,0
1001879	3 x 185	46,0	5328,0	6500,0
1001880	4 x 185	52,0	7104,0	8500,0

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Specification range

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Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1001881	1 x 240	28,0	2304,0	2630,0
1001882	3 x 240	51,0	6912,0	8300,0
1001883	4 x 240	58,0	9216,0	11000,0
1001884	1 x 300	30,0	2880,0	3200,0
1001885	1 x 400	34,0	3840,0	4150,0
1001886	1 x 500	38,0	4800,0	5200,0
1001887	1 x 630	43,0	6048,0	6650,0
1001888	3x25/16 re	24,5	874,0	1530,0
1001889	3x35/16 re	26,0	1162,0	1750,0
1001890	3x50/25	29,0	1680,0	2350,0
1001891	3x70/35	32,0	2352,0	2850,0
1001892	3x95/50	38,0	3216,0	3850,0
1001893	3x120/70	41,0	4128,0	4780,0
1001894	3x150/70	46,0	4992,0	5800,0
1001895	3x185/95	51,0	6240,0	7600,0
1001896	3x240/120	58,0	8064,0	9800,0
1001897	3x300/150	64,0	10080,0	11500,0

NYY-O

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1001898	2 x 1,5 re	11,0	29,0	175,0
1001899	3 x 1,5 re	11,5	43,0	195,0
1011801	4 x 1,5 re	12,0	58,0	230,0
1011802	5 x 1,5 re	13,0	72,0	270,0
1011803	7 x 1,5 re	15,5	101,0	310,0
1011804	10x 1,5 re	18,0	144,0	380,0
1011805	12 x 1,5 re	19,0	173,0	420,0
1011806	14 x 1,5 re	20,0	202,0	470,0
1011807	16 x 1,5 re	21,0	230,0	520,0
1011808	19 x 1,5 re	22,0	274,0	570,0
1011809	21 x 1,5 re	23,0	302,0	650,0
1011810	24 x 1,5 re	25,0	346,0	750,0
1011811	30x 1,5 re	26,0	432,0	860,0
1011812	40 x 1,5 re	29,0	576,0	1070,0
1011813	61 x 1,5 re	34,0	878,0	1680,0
1011814	2 x 2,5 re	12,0	48,0	215,0
1011815	3 x 2,5 re	12,5	72,0	250,0

Specification range

NYY-O

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1011816	4 x 2,5 re	13,5	96,0	300,0
1011817	5 x 2,5 re	14,5	120,0	360,0
1011818	7 x 2,5 re	16,5	168,0	450,0
1011819	10 x 2,5 re	19,5	240,0	520,0
1011820	12 x 2,5 re	20,5	288,0	600,0
1011821	14 x 2,5 re	21,0	336,0	680,0
1011822	16 x 2,5 re	22,0	384,0	750,0
1011823	19 x 2,5 re	23,0	456,0	850,0
1011824	21 x 2,5 re	24,5	504,0	980,0
1011825	24 x 2,5 re	26,0	576,0	1120,0
1011826	30x 2,5 re	28,0	720,0	1280,0
1011827	40 x 2,5 re	31,5	960,0	1700,0
1011828	52 x 2,5 re	35,0	1248,0	2150,0
1011829	1 x 4 re	9,0	38,0	115,0
1011830	2 x 4 re	13,0	77,0	295,0
1011831	3 x 4 re	13,1	115,0	340,0
1011832	4 x 4 re	15,0	154,0	410,0
1011833	5 x 4 re	16,5	192,0	490,0
1011834	7 x 4 re	18,5	269,0	640,0
1011835	1 x 6 re	9,5	58,0	135,0
1011836	2 x 6 re	14,2	115,0	370,0
1011837	3 x 6 re	15,0	173,0	430,0
1011838	4 x 6 re	16,5	230,0	520,0
1011839	5 x 6 re	18,0	288,0	600,0
1011840	7 x 6 re	20,0	403,0	850,0
1011841	1 x 10 re	10,0	96,0	179,0
1011842	2 x 10 re	16,5	192,0	495,0
1011843	3 x 10 re	17,0	288,0	590,0
1011844	4 x 10 re	18,5	384,0	730,0
1011845	5 x 10 re	20,0	480,0	890,0
1011846	1 x 16 re	11,0	154,0	245,0
1011847	2 x 16 re	18,5	307,0	670,0
1011848	3 x 16 re	19,0	461,0	820,0
1011849	4 x 16 re	21,5	614,0	1045,0
1011850	5 x 16 re	22,5	768,0	1255,0
1011851	1 x 25	12,0	240,0	360,0
1011852	2 x 25	23,5	480,0	960,0
1011853	3 x 25	24,0	720,0	1320,0
1011854	4 x 25	26,0	960,0	1640,0
1011855	5 x 25	28,0	1200,0	1960,0

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Specification range

NYN-O

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1011856	1 x 35	13,0	336,0	470,0
1011857	3 x 35	25,0	1008,0	1450,0
1011858	4 x 35	27,5	1344,0	1760,0
1011859	5 x 35	34,0	1680,0	2400,0
1011860	1 x 50	15,0	480,0	620,0
1011861	3 x 50	26,5	1440,0	1850,0
1011862	4 x 50	30,0	1920,0	2350,0
1011863	5 x 50	40,0	2400,0	3500,0
1011864	1 x 70	16,5	672,0	810,0
1011865	3 x 70	30,0	2016,0	2450,0
1011866	4 x 70	34,0	2688,0	3100,0
1011867	1 x 95	19,0	912,0	1110,0
1011868	3 x 95	34,5	2736,0	3300,0
1011869	4 x 95	39,0	3648,0	4250,0
1011870	1 x 120	20,5	1152,0	1360,0
1011871	3 x 120	37,0	3456,0	4100,0
1011872	4 x 120	42,5	4608,0	5300,0
1011873	1 x 150	22,5	1440,0	1670,0
1011874	3 x 150	40,0	4320,0	4900,0
1011875	4 x 150	47,5	5760,0	6400,0
1011876	1 x 185	25,0	1776,0	2050,0
1011877	3 x 185	46,0	5328,0	6500,0
1011878	4 x 185	52,0	7104,0	8500,0
1011879	1 x 240	28,0	2304,0	2630,0
1011880	3 x 240	51,0	6912,0	8300,0
1011881	4 x 240	58,0	9216,0	11000,0
1011882	1 x 300	30,0	2880,0	3200,0
1011883	1 x 400	34,0	3840,0	4150,0
1011884	1 x 500	38,0	4800,0	5200,0
1011885	1 x 630	43,0	6048,0	6650,0
1011886	3x25/16 re	24,5	874,0	1530,0
1011887	3x35/16 re	26,0	1162,0	1750,0
1011888	3x50/25	29,0	1680,0	2350,0
1011889	3x70/35	32,0	2352,0	2850,0
1011890	3x95/50	38,0	3216,0	3850,0
1011891	3x120/70	41,0	4128,0	4780,0
1011892	3x150/70	46,0	4992,0	5800,0
1011893	3x185/95	51,0	6240,0	7600,0
1011894	3x240/120	58,0	8064,0	9800,0
1011895	3x300/150	64,0	10080,0	11500,0