

NYCY

Application:

For fixed installation in buildings, in free air, in ground and in water.

standard	VDE 0276-603
conductor material	bare copper
conductor construction	class 1, from 25 sqmm class 2
insulation	PVC DIV 4
sheathing material	PVC DMV 5
flame retardant	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor	70 °C
max. operating temperature, fixed	70 °C
temperature, moved/ during installation	-5 - +70 °C
nominal voltage U₀	0,6 kV
nominal voltage U	1 kV
maximum permitted operating voltage in 3-phase systems	1,2 kV
test voltage	4 kV
protective conductor	no
core identification	colored acc. to HD 308; more than 5 cores: numbers



p/n	type	colour	CU kg/km	D _A mm	weight ca. kg/km	packaging
080030	02X1,5/1,5	RE bk	52	13	200	dr.
080031	02X2,5/2,5	RE bk	80	13,6	260	dr.
080032	02X4/4	RE bk	123	15,4	350	dr.
080033	02X6/6	RE bk	182	16,9	430	dr.
080077	02X10/10	RE bk	312	18,5	520	dr.
080078	02X16/16	RE bk	489	20,5	720	dr.
080035	03X1,5/1,5	RE bk	66	13,2	220	dr.
080037	03X2,5/2,5	RE bk	104	14,2	280	dr.
080038	03X4/4	RE bk	161	16,3	390	dr.
080039	03X6/6	RE bk	240	17,3	500	dr.
080079	03X10/10	RE bk	408	20	680	dr.
080080	03X16/16	RE bk	643	23	1010	dr.
080040	04X1,5/1,5	RE bk	81	14,2	250	dr.
080041	04X2,5/2,5	RE bk	128	15,3	340	dr.
080042	04X4/4	RE bk	200	17,3	460	dr.
080043	04X6/6	RE bk	297	18,4	580	dr.
080081	04X10/10	RE bk	504	21	765	dr.
080082	04X16/16	RE bk	796	23	1060	dr.
080044	05X1,5/1,5	RE bk	95	15	330	dr.
080076	05X2,5/2,5	RE bk	152	16	400	dr.
080083	05X4/4	RE bk	238	19	550	dr.
080084	05X6/6	RE bk	355	21	700	dr.
080045	07X1,5/2,5	RE bk	133	15,3	350	dr.
080046	07X2,5/2,5	RE bk	200	17,4	450	dr.
080047	07X4/4	RE bk	315	20	600	dr.
080085	07X6/6	RE bk	470	22,5	790	dr.
080098	08X1,5/2,5	RE bk	147	17,5	450	dr.
080207	08X2,5/4	RE bk	238	19	530	dr.
080091	08X4/4	RE bk	360	20	770	dr.
080208	08X4/6	RE bk	374	21	751	dr.
080225	08X6/6	RE bk	535	23,3	1010	dr.
080048	10X1,5/2,5	RE bk	176	18,4	410	dr.
080049	10X2,5/4	RE bk	286	20,4	600	dr.
080086	10X4/6	RE bk	451	23,5	900	dr.
080050	12X1,5/2,5	RE bk	205	19,4	470	dr.
080051	12X2,5/4	RE bk	334	20,5	660	dr.
080069	12X4/6	RE bk	528	24,5	1060	dr.
080052	14X1,5/2,5	RE bk	234	20,4	520	dr.
080053	14X2,5/6	RE bk	403	21,5	750	dr.
080073	16X1,5/4	RE bk	276	20	620	dr.
080054	16X2,5/6	RE bk	451	22,5	800	dr.

Power cables
1 up to 30 kV

Building Wires

Flexible Cables

Telecommunication
Cables and Cords

Control and
Electronic Cable

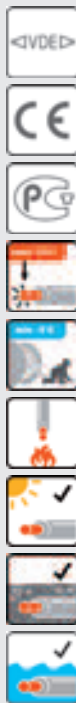
Cable with
circuit integrity

LAN cables

Conductor ropes

Technical Appendix

NYCY



p/n	type	colour	CU kg/km	D _A mm	weight ca. kg/km	packaging
080055	19X1,5/4	RE bk	320	22,5	660	dr.
080056	19X2,5/6	RE bk	523	23,5	940	dr.
080057	21X1,5/6	RE bk	369	23	790	dr.
080058	24X1,5/6	RE bk	413	25,5	850	dr.
080059	24X2,5/10	RE bk	696	27,6	1150	dr.
080223	24X4/10	RE bk	1042	32,3	1813	dr.
080068	30X1,5/6	RE bk	499	26,5	1020	dr.
080087	30X2,5/10	RE bk	840	29,5	1600	dr.
080074	40X1,5/10	RE bk	696	30	1280	dr.
080075	40X2,5/10	RE bk	1080	33	1660	dr.
080072	52X1,5/10	RE bk	869	32	1600	dr.
080088	52X2,5/10	RE bk	1368	35	2000	dr.
080089	61X1,5/10	RE bk	998	33	2000	dr.
080090	61X2,5/10	RE bk	1584	36	2280	dr.

NYCWY



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sheathing material	PVC DMV 5
flame retardant	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor	70 °C
max. operating temperature, fixed	70 °C
temperature, moved/ during installation	-5 - +70 °C
nominal voltage U₀	0,6 kV
nominal voltage U	1 kV
maximum permitted operating voltage in 3-phase systems	1,2 kV
test voltage	4 kV
protective conductor	no
core identification	colours acc. VDE 0293 (HD308)

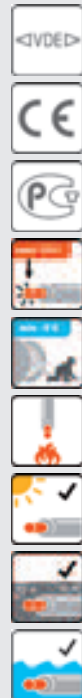
Application:

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p/n	type	colour	CU kg/km	D _A mm	weight ca. kg/km	packaging
080003	03X10/10	RE bk	408	19,4	750	dr.
080008	03X16/16	RE bk	643	21,4	1050	dr.
080011	03X25/25	RM bk	1003	25,5	1600	dr.
080013	03X35/35	SM bk	1402	25,7	1850	dr.
080015	03X50/50	SMv bk	2000	28,7	2400	dr.

NYCWY

p/n	type	colour	CU kg/km	D _A mm	weight ca. kg/km	packaging
080017	03X70/70	SMv bk	2796	33,8	3300	dr.
080019	03X95/95	SMv bk	3791	37,8	4500	dr.
080004	03X120/120	SMv bk	4786	41,8	5500	dr.
080006	03X150/150	SMv bk	5970	46	6750	dr.
080010	03X25/16	RM bk	902	25,5	1600	dr.
080012	03X35/16	SM bk	1190	27,6	1700	dr.
080014	03X50/25	SMv bk	1723	28,7	2300	dr.
080016	03X70/35	SMv bk	2410	32,8	2900	dr.
080018	03X95/50	SMv bk	3296	37,8	4000	dr.
080005	03X120/70	SMv bk	4236	40,8	5000	dr.
080007	03X150/70	SMv bk	5100	45	6000	dr.
080009	03X185/95	SMv bk	6383	50	7500	dr.
080061	03X240/120	SMv bk	8242	57	10000	dr.
080020	04X10/10	RE bk	504	20,4	870	dr.
080023	04X16/16	RE bk	796	23,4	1250	dr.
080025	04X25/16	RM bk	1142	27,6	1800	dr.
080026	04X35/16	SM bk	1526	28,6	2050	dr.
080027	04X50/25	SMv bk	2203	32,8	2700	dr.
080028	04X70/35	SMv bk	3082	36,8	3750	dr.
080029	04X95/50	SMv bk	4208	43,9	5000	dr.
080021	04X120/70	SMv bk	5388	47	6300	dr.
080022	04X150/70	SMv bk	6540	51	7600	dr.
080024	04X185/95	SMv bk	8159	56	9300	dr.
080062	04X240/120	SMv bk	10546	63	11600	dr.



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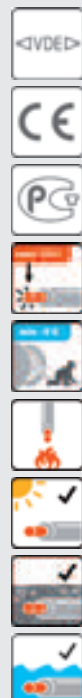
Technical Appendix

NAYY-J

Application:

For fixed installation in buildings, in free air, in ground and in water.

standard	VDE 0276-603
conductor material	aluminium
insulation	PVC DIV 4
sheathing material	PVC DMV 5
flame retardant	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor	70 °C
max. operating temperature, fixed	70 °C
temperature, moved/ during installation	-5 - +70 °C
nominal voltage U₀	0,6 kV
nominal voltage U	1 kV
maximum permitted operating voltage in 3-phase systems	1,2 kV
test voltage	4 kV
protective conductor	yes
core identification	colours acc. VDE 0293 (HD308)



p/n	type	colour	AL kg/km	D _A mm	weight ca. kg/km	packaging
090010	04X16	RE bk	186	24	750	dr.
090006	04X25	RE bk	290	25	950	dr.
090093	04X25 RM	RM bk	290	25	950	dr.
090007	04X35	RE bk	406	28,1	1120	dr.
090001	04X50	SE bk	580	29,5	1151	dr.
090116	04X50SM	SMv bk	580	29,5	1151	dr.
090002	04X70	SE bk	812	35	1549	dr.

NAYY-J



p/n	type	colour	AL kg/km	D _A mm	weight ca. kg/km	packaging
090117	04X70SM	SMv bk	812	33,4	1549	dr.
090008	04X95	SE bk	1102	39	2030	dr.
090018	04X95SM	RMv bk	1102	39	2030	dr.
090003	04X120	SE bk	1392	43	2400	dr.
090019	04X120SM	RMv bk	1392	43	2400	dr.
090004	04X150	SE bk	1740	46	3030	dr.
090020	04X150SM	SMv bk	1740	46	3030	dr.
090005	04X185	SE bk	2146	51	3650	dr.
090021	04X185SM	SMv bk	2146	51	3650	dr.
090009	04X240	SE bk	2784	56	4800	dr.
090022	04X240SM	SMv bk	2784	58	4800	dr.
090123	04X300	SMv bk	3480	65,5	5685	dr.

NAYY-O



standard	VDE 0276-603
conductor material	aluminium
insulation	PVC DIV 4
sheathing material	PVC DMV 5
flame retardant	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor	70 °C
max. operating temperature, fixed	70 °C
temperature, moved/ during installation	-5 - +70 °C
nominal voltage U₀	0,6 kV
nominal voltage U	1 kV
maximum permitted operating voltage in 3-phase systems	1,2 kV
test voltage	4 kV
protective conductor	no
core identification	colours acc. VDE 0293 (HD308)

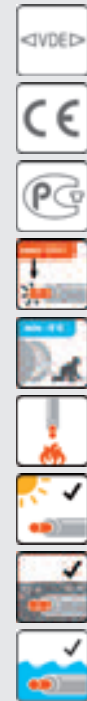
Application:

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p/n	type	colour	AL kg/km	D _A mm	weight ca. kg/km	packaging
090135	01X16	RM bk	46,4	10,5	145	dr.
090136	01X25	RM bk	72,5	12	195	dr.
090109	01X35	RMv bk	101,5	13,5	255	dr.
090036	01X50	RMv bk	145	15	298	dr.
090037	01X70	RMv bk	203	17	383	dr.
090038	01X95	RMv bk	275	19	490	dr.
090039	01X120	RMv bk	348	20	575	dr.

NAYY-O

p/n	type	colour	AL kg/km	D _A mm	weight ca. kg/km	packaging
090040	01X150	RMv bk	435	22	695	dr.
090041	01X185	RMv bk	536	25	845	dr.
090035	01X240RM	RMv bk	696	28	1100	dr.
090027	01X300RM	RMv bk	870	30	1379	dr.
090042	01X400	RMv bk	1160	34	1615	dr.
090043	01X500	RMv bk	1450	37	2015	dr.
090034	01X630RM	RMv bk	1827	43	2472	dr.
090112	02X16	RE bk	93	19	470	dr.
090044	04X16	RE bk	186	24	750	dr.
090045	04X25	SE bk	290	25	950	dr.
090046	04X35	SE bk	406	28	1120	dr.
090047	04X50	SE bk	580	30	1151	dr.
090048	04X70	SE bk	812	35	1549	dr.
090049	04X95	SE bk	1102	39	2030	dr.
090050	04X120	SE bk	1392	43	2400	dr.
090051	04X150	SE bk	1740	46	3030	dr.
090052	04X185	SE bk	2146	51	3650	dr.
090053	04X240	SE bk	2784	56	4800	dr.



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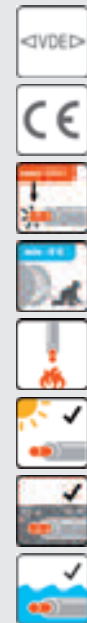
Technical Appendix

NAYCWY

Application:

For fixed installation in buildings, in free air, in ground and in water.

standard	VDE 0276-603
conductor material	aluminium
insulation	PVC DIV 4
sheathing material	PVC DMV 5
flame retardant	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor	70 °C
max. operating temperature, fixed	70 °C
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nominal voltage U₀	0,6 kV
nominal voltage U	1 kV
maximum permitted operating voltage in 3-phase systems	1,2 kV
test voltage	4 kV
protective conductor	no
core identification	colours acc. VDE 0293 (HD308)



p/n	type	colour	CU kg/km	AL kg/km	D _A mm	weight ca. kg/km	packaging
090011	03X35/35	SM bk	240	305	27	1300	dr.
090012	03X50/50	SMv bk	340	435	28	1400	dr.
090013	03X70/70	SMv bk	475	609	32	1950	dr.
090014	03X95/95	SMv bk	640	827	36	2500	dr.
090015	03X120/120	SMv bk	1330	1044	39	2950	dr.
090016	03X150/150	SMv bk	1550	1305	43	3550	dr.
090113	03X240/120	SMv bk	1330	2088	63	5600	dr.