Power cable NYCWY acc. to VDE 0276-603

conductor material:	bare copper
conductor construction:	class 1, from 25 sqmm class 2
insulation:	PVC DIV 4
concentric conductor:	Cu
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
	NYCWY
core identification:	colours acc. VDE 0293 (HD308)
maximum permitted operating voltage in 3-phase systems:	1,2 kV
nominal voltage U:	1 kV
nominal voltage Uo:	0,6 kV
protective conductor:	no
test voltage:	4 kV

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

Finnland:	*MCMK*
Austria:	*E-YCWY*
Sweden:	*FKKJ*
Norway:	*PSP-Cu*

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

core identification acc. to HD 308

number of cores	without protective conductor
2	blue, brown
3	brown, black, gray
4	blue, brown, black, gray
5	blue, brown, black, gray, black

table: technical data NYCWY

Art.-Nr.	part-name		RI [Ω/km]	Wi [mm]	Ibl [A]	Ibe [A]	Ik [kA]	Lb [mH]	Rbf [mm]	DA [mm]	Fz [N]	CU	G [kg/km]
080001	NYCWY 02X10/10 SW	RE	1,83	1	59	79	1,15		232.8	19,4	1000	312	610
080002	NYCWY 02X16/16 SW	RE	1,15	1	79	103	1,84		244.8	20,4	1600	489	840
080003	NYCWY 03X10/10 SW	RE	1,83	1	59	79	1,15	0,278	232.8	19,4	1500	408	750
080008	NYCWY 03X16/16 SW	RE	1,15	1	79	103	1,84	0,262	256.8	21,4	2400	643	1050
080011	NYCWY 03X25/25 SW	RM	0,727	1,2	106	133	2,87	0,257	306	25,5	3750	1003	1600
080013	NYCWY 03X35/35 SW	SM	0,524	1,2	129	159	4,02	0,248	308.4	25,7	5250	1402	1850
080015	NYCWY 03X50/50 SW	SMv	0,387	1,4	157	188	5,75	0,247	344.4	28,7	7500	2000	2400
080017	NYCWY 03X70/70 SW	SMv	0,268	1,4	199	232	8,05	0,238	405.6	33,8	10500	2796	3300
080019	NYCWY 03X95/95 SW	SMv	0,193	1,6	246	280	10,9	0,238	453.6	37,8	14250	3791	4500

table: technical data NYCWY

Art.-Nr.	part-name		Rl [Ω/km]	Wi [mm]	Ibl [A]	Ibe [A]	Ik [kA]	Lb [mH]	Rbf [mm]	DA [mm]	Fz [N]	CU	G [kg/km]
080004	NYCWY 03X120/120 SW	SMv	0,153	1,6	285	318	13,8	0,233	501.6	41,8	18000	4786	5500
080006	NYCWY 03X150/150 SW	SMv	0,124	1,8	326	359	17,2	0,233	552	46	22500	5970	6750
080010	NYCWY 03X25/16 SW	RM	0,727	1,2	106	133	2,87	0,257	306	25,5	3750	902	1600
080012	NYCWY 03X35/16 SW	SM	0,524	1,2	129	159	4,02	0,248	331.2	27,6	5250	1190	1700
080014	NYCWY 03X50/25 SW	SMv	0,387	1,4	157	188	5,75	0,247	344.4	28,7	7500	1723	2300
080016	NYCWY 03X70/35 SW	SMv	0,268	1,4	199	232	8,05	0,238	393.6	32,8	10500	2410	2900
080018	NYCWY 03X95/50 SW	SMv	0,193	1,6	246	280	10,9	0,238	453.6	37,8	14250	3296	4000
080005	NYCWY 03X120/70 SW	SMv	0,153	1,6	285	318	13,8	0,233	489.6	40,8	18000	4236	5000
080007	NYCWY 03X150/70 SW	SMv	0,124	1,8	326	359	17,2	0,233	540	45	22500	5100	6000
080009	NYCWY 03X185/95 SW	SMv	0,0991	2	374	406	21,3	0,233	600	50	27750	6383	7500
080061	NYCWY 03X240/120 SW	SMv	0,0754	2,2	445	473	27,6	0,231	684	57	36000	8242	10000
080020	NYCWY 04X10/10 SW	RE	1,83	1	59	79	1,15	0,301	244.8	20,4	2000	504	870
080023	NYCWY 04X16/16 SW	RE	1,15	1	79	103	1,84	0,285	280.8	23,4	3200	796	1250
080025	NYCWY 04X25/16 SW	RM	0,727	1,2	106	133	2,87	0,28	331.2	27,6	5000	1142	1800
080026	NYCWY 04X35/16 SW	SM	0,524	1,2	129	159	4,02	0,271	343.2	28,6	7000	1526	2050
080027	NYCWY 04X50/25 SW	SMv	0,387	1,4	157	188	5,75	0,27	393.6	32,8	10000	2203	2700
080028	NYCWY 04X70/35 SW	SMv	0,268	1,4	199	232	8,05	0,262	441.6	36,8	14000	3082	3750
080029	NYCWY 04X95/50 SW	SMv	0,193	1,6	246	280	10,9	0,261	526.8	43,9	19000	4208	5000
080021	NYCWY 04X120/70 SW	SMv	0,153	1,6	285	318	13,8	0,256	564	47	24000	5388	6300
080022	NYCWY 04X150/70 SW	SMv	0,124	1,8	326	359	17,2	0,256	612	51	30000	6540	7600
080024	NYCWY 04X185/95 SW	SMv	0,0991	2	374	406	21,3	0,256	672	56	37000	8159	9300
080062	NYCWY 04X240/120 SW	SMv	0,0754	2,2	445	473	27,6	0,254	756	63	48000	10546	11600

Issue 01.04.2010 Klaus Faber AG, 66113 Saarbrücken, Lebacher Str. 152-156, Tel.: (0681) 9711-0, FAX: - 289