

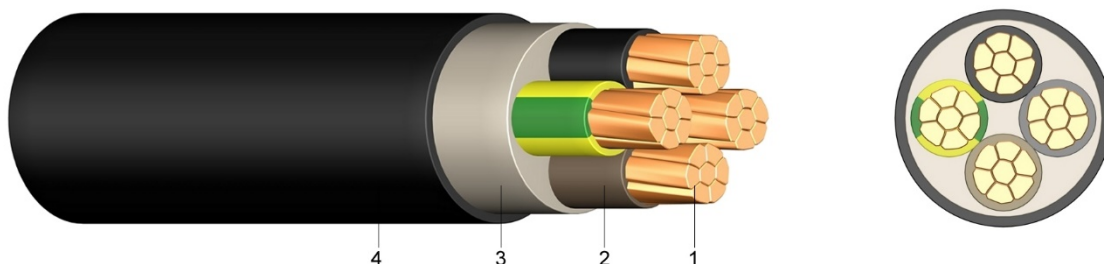
EXVB E_{ca}

Power distribution cable, 0,6/1 kV
+90 °C service temperature, reinforced outer sheath
NBN HD 603-5-A and EN 50575

Application

Power cable with reinforced sheath for domestic or industrial application where no mechanical damage is to be expected. For fixed installation in open air, in ducts or cable tray as well as in pipes. No ground laying without protection.

Construction



1. Conductor: Copper conductor, bare, solid (class 1) or stranded (class 2)
2. Insulation: XLPE
Core identification: According to HD 308 S2
3. Core covering: Tape or filler
4. Outer sheath: Reinforced outer sheath, PVC, black

Technical information

Rated voltage	U ₀ /U	0,6/1 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature	fixed installation	0 °C
Min. temperature during installation		5 °C
Min. bending radius mm	fixed installation	12 x outer diameter in mm

Safety parameters

Reaction to fire		EN 50399 E _{ca}
Flame spread	single cable	IEC 60332-1-2

Additional parameters

UV resistant

EXVB E_{ca}

Power distribution cable, 0,6/1 kV
+90 °C service temperature, reinforced outer sheath
NBN HD 603-5-A and EN 50575

N° of cores and cross section mm ²	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 16 rm	9,8	154	225
1 x 25 rm	11,6	230	330
1 x 35 rm	12,8	336	420
1 x 50 rm	14,3	480	565
1 x 70 rm	16,2	672	775
1 x 95 rm	18,2	912	1045
1 x 120 rm	19,8	1.152	1290
1 x 150 rm	21,8	1.440	1580
1 x 185 rm	24,0	1.776	1960
1 x 240 rm	26,7	2.304	2490
1 x 300 rm	29,4	2.880	3140
2 x 1,5 re	11,2	28	180
2 x 2,5 re	12,0	46	215
2 x 4 re	12,8	74	260
2 x 6 re	13,8	111	320
2 x 10 re	15,4	184	440
2 x 16 rm	17,8	307	635
2 x 25 rm	21,2	480	935
2 x 35 rm	23,8	672	1220
3 x 1,5 re	11,6	42	195
3 x 2,5 re	12,5	69	245
3 x 4 re	13,4	111	305
3 x 6 re	14,5	166	385
3 x 10 re	16,2	276	535
3 x 16 rm	19,0	442	795
3 x 25 rm	22,6	690	1180
3 x 35 rm	25,4	966	1550
3 x 50 rm	28,8	1380	2055
3 x 70 rm	30,7	1932	2585
3 x 95 rm	33,9	2622	3400
3 x 120 rm	36,8	3312	4135
3 x 150 rm	41,7	4140	5190
3 x 185 rm	46,1	5106	6445
3 x 240 rm	51,8	6624	8310
3 x 16 rm + 10 re	19,9		870
3 x 25 rm + 16 rm	23,9		1310
3 x 35 rm + 25 rm	27,0		1750
3 x 50 rm + 25 rm	30,1		2320
3 x 70 sm + 35 rm	34,0		3090
3 x 95 sm + 50 rm	38,6		4180
3 x 120 sm + 70 rm	42,4		5190
3 x 150 sm + 70 rm	47,6		6370
3 x 185 sm + 95 rm	52,3		7920
3 x 240 sm + 120 rm	59,2		10215

EXVB E_{ca}

Power distribution cable, 0,6/1 kV
+90 °C service temperature, reinforced outer sheath
NBN HD 603-5-A and EN 50575

N° of cores and cross section mm ²	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
4 x 1,5 re	12,3	56	225
4 x 2,5 re	13,3	92	285
4 x 4 re	14,3	148	360
4 x 6 re	15,5	221	460
4 x 10 re	17,6	368	655
4 x 16 rm	20,5	589	980
4 x 25 rm	24,8	920	1480
4 x 35 rm	27,6	1288	1930
4 x 50 rm	31,6	1840	2590
4 x 70 sm	34,2	2576	3325
4 x 95 sm	38,6	3496	4480
4 x 120 sm	43,0	4416	5575
4 x 150 sm	47,8	5520	6880
4 x 185 sm	52,5	6808	8490
4 x 240 sm	60,1	8832	11141
5 x 1,5 re	13,2	69	265
5 x 2,5 re	14,3	115	335
5 x 4 re	15,4	184	425
5 x 6 re	16,7	276	545
5 x 10 re	19,1	460	795
5 x 16 rm	22,5	736	1195
5 x 25 rm	27,1	1150	1805
5 x 35 rm	30,5	1610	2375

The above mentioned cross section also exist with green/yellow conductor.

G = with green/yellow core

X = without green/yellow core

RE = round solid, class 1

RM = round stranded, class 2

SM = sector-shaped, stranded, class 2

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.