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VAT Reg. BG107056159

NYY-0; NYJ

Standard: DIN VDE 0276 part 603

Application:

Power cable for fixed installation in ground, in industrial and public buildings. Suitable for transmission and distribution of electricity at rated voltage U_0/U : 0.6/1 kV

Construction

Solid or multi-strand Cu wires class 1 or 2 acc. DIN VDE 0295/EN 60228

Core type

re - round conductor, single wire
rm - round conductor, multi wire

Insulation:

The insulation material is PVC compound and correspond to BDS EN 50 363-3, type T11, Rp 901

Colour identification: acc. DIN VDE 0293-HD 308, DIN VDE 0276 part 603

Core identification colours:

- without yellow-green Core:
 - 2- Core brown, blue
 - 3- Core brown, black, grey
 - 4- Core blue, brown, black, grey
 - 5- Core blue, brown, black, grey, black
- with yellow-green Core:
 - 3- Core yellow-green, brown, blue
 - 4- Core yellow-green, brown, black, grey
 - 5- Core yellow-green, blue, brown, black, grey

Inner sheath: PVC/PE compound, type TPM 40001 PE DOGLU

Sheath:

The sheathing material is PVC compound and correspond to BDS EN 50 363-4-1, type TM2, Rp 901
Sheath colour: black

Technical data:

Power cable acc. DIN VDE 0276 part 603

Temperature of exploitation:

- fixed installation: -30°C to +70°C

Min. installation temperature: -5°C

Core temperature, max: +70°C

Max. temperature short circuit mode: +160°C (5 sek.)

Rated voltage U_0/U : 0,6/1 kV

Test voltage: AC-4kV / 50Hz

Min. bending radius:

- single core 15xD

- multi core 12xD

Flame retardant acc. IEC 60332-1

No of conductors and Nominal Cross- Sectional Area of Cores	Mean overall Dimensions	Copper weight	Cable weight	Reaction to Fire Classification
mm ²	mm	kg/km	kg/km	
2x1,5re	12,2	28	192	Eca
2x2,5re	12,9	46	229	Eca
2x4re	14,9	75	315	Eca
2x6re	15,9	112	382	Eca
2x10	17,5	188	509	Eca
2x16	19,4	298	676	Eca
3x1,5re	12,1	43	201	Eca
3x2,5re	12,9	70	247	Eca
3x4re	15	112	350	Eca
3x6re	16	168	435	Eca
3x10	18	282	606	Eca
3x16	20,1	447	828	Eca
4x1,5re	12,9	57	232	Eca
4x2,5re	13,8	93	289	Eca
4x4re	16,2	149	419	Eca
4x6re	17,4	223	525	Eca
4x10	19,5	376	741	Eca
4x16	21,8	595	1024	Eca
5x1,5re	13,7	71	272	Eca
5x2,5re	14,8	116	341	Eca
5x4re	17,4	187	494	Eca
5x6re	19	279	635	Eca
5x10	21,6	470	911	Eca