

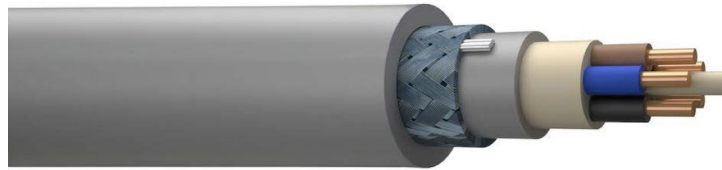
Z1O-YMz1Kas

Safety signalling and control cable, 0,6/1 kV
+90 °C service temperature, low-smoke, halogen free, fire retardant, armoured, Oil- and UV-resistant
HD 604 part 5/sect. C, NEN 3618 and EN 50575

Application

Zero halogen installation cable with improved fire characteristics for various industrial and domestic applications where additional protection against mechanical damage is required. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. For fixed installation in air, in ducts or cable tray. Suitable for direct ground installation without protection.

Construction



- | | |
|------------------|---|
| 1. Conductor: | Copper conductor, bare, solid (class 1) |
| 2. Insulation: | XLPE insulation |
| Identification: | According to HD 308 S2 |
| 3. Core covering | |
| 4. Inner sheath: | Halogen free polyolefin |
| 5. Armoring: | Galvanized steel wire braid |
| 6. Outer sheath: | Halogen free polyolefin, grey |

Technical information

Operating voltage		0,6/1 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C
Installation temperature		0 °C to 80 °C
Operating temperature	fixed installation	-40 °C to 80 °C
Min. bending radius mm		7,5 x D

Safety parameters

Reaction to fire		EN 50399 C _{ca} – s1, d1, a1
Reaction to fire	on request	EN 50399 B2 _{ca} – s1, d1, a1

Additional parameters

UV resistance		
Oil resistance		EC/EN 60811-404

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N° of cores and cross section mm ²	Outer diameter approx. mm	Current carrying capacity A	Weight approx. kg/km
2 x 1,5/1,5	12,9	26	253
3 x 1,5/1,5	13,3	22	276
4 x 1,5/1,5	14,1	22	305
5 x 1,5/1,5	14,9	22	341
6 x 1,5/1,5	15,6	17	376
7 x 1,5/1,5	15,7	16	390
8 x 1,5/1,5	16,2	15	387
10 x 1,5/1,5	17,9	14	455
12 x 1,5/1,5	18,4	13	498
14 x 1,5/1,5	19,1	12	549
16 x 1,5/1,5	19,9	11,5	598
19 x 1,5/1,5	20,7	10,5	660
24 x 1,5/1,5	23,3	9,5	794
30 x 1,5/1,5	24,4	8,5	913
37 x 1,5/1,5	26,0	8	1064
2 x 2,5/2,5	14,0	34	300
3 x 2,5/2,5	14,2	29	326
4 x 2,5/2,5	15,0	29	367
5 x 2,5/2,5	15,9	29	415
6 x 2,5/2,5	16,7	22	464
7 x 2,5/2,5	16,8	21	485
8 x 2,5/2,5	17,4	20	489
10 x 2,5/2,5	19,4	18	578
12 x 2,5/2,5	19,9	17	638
14 x 2,5/2,5	20,6	14	705
16 x 2,5/2,5	21,6	15	776
19 x 2,5/2,5	22,6	14	869
24 x 2,5/2,5	25,5	13	1052
30 x 2,5/2,5	26,8	12	1236
37 x 2,5/2,5	28,8	10	1460
2 x 4/4	15,1	44	371
3 x 4/4	15,6	37	413
4 x 4/4	16,3	37	469
5 x 4/4	17,4	37	538
2 x 6/6	16,0	56	452
3 x 6/6	16,7	46	513
4 x 6/6	17,7	46	594
5 x 6/6	18,7	46	681
2 x 10/10	19,5	73	662
3 x 10/10	20,3	61	763
4 x 10/10	22,9	61	885

Current carrying capacity according to NEN1010:2015 Table 52B

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