



Halogen-free cables - NHXCH E30 (EMC-type) safety cable with concentric conductor



Technical attributes

| | |
|--|------------------------------|
| Standards | according to DIN VDE 0266 |
| Conductor material | halogen-free special mixture |
| Conductor type | conductors blanc |
| Conductor standard | DIN VDE 0295 |
| Conductor category | 1,2 |
| Core colours | DIN VDE 0293 |
| Outer sheath | halogen-free special mixture |
| Outer sheath colour | orange |
| Temperature range min., fixed installation | -30 °C |
| Temperature range max., fixed installation | +90 °C |
| Nominal voltage U ₀ /U | 0,6/1 kV |
| halogen-free | |
| RoHS-compliant | yes |

Description

For fixed installation in dry and damp areas on, in and under plaster as well as in masonry and concrete. The cables are also suitable for outdoor use and soil with a transfer in tubes. In addition, the standard DIN VDE 0298 Part 1 and 2 Permissible operating temperature at conductor +90 ° C. The cables meet the conditions of the test on insulation according to DIN VDE 0472 part 814/8.83 through 180 min and in accordance with IEC Publication 331, first edition. Integrity > 30 min or > 90 min according to DIN 4102 part 12, according to VDE 0107 and 0108th

Note

safety cable with concentric conductor

Product table

| product number | product name | halogen-free | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|---------------------------|--------------|-----------------|-------------------|------------------|---------------------|
| 01637001 | NHXCH E30 2 x 1,5 RE/1,5 | | 238,00 | 52,00 | 13,00 | orange |
| 01637007 | NHXCH E30 3 x 1,5 RE/1,5 | | 250,00 | 66,00 | 13,00 | orange |
| 01637020 | NHXCH E30 4 x 1,5 RE/1,5 | | 290,00 | 81,00 | 15,80 | orange |
| 01637033 | NHXCH E30 7 x 1,5 RE/2,5 | | 390,00 | 133,00 | 19,00 | orange |
| 01637044 | NHXCH E30 10 x 1,5 RE/2,5 | | 510,00 | 176,00 | 24,00 | orange |
| 01637046 | NHXCH E30 12 x 1,5 RE/2,5 | | 580,00 | 205,00 | 24,00 | orange |
| 01637047 | NHXCH E30 24 x 1,5 RE/6 | | 940,00 | 413,00 | 32,00 | orange |



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| 01637049 | NHXCH E30 30 x 1,5 RE/6 | | 1100,00 | 499,00 | 34,00 | orange |
| 01637002 | NHXCH E30 2 x 2,5 RE/2,5 | | 275,00 | 80,00 | 14,00 | orange |
| 01637008 | NHXCH E30 3 x 2,5 RE/2,5 | | 310,00 | 104,00 | 14,00 | orange |
| 01637021 | NHXCH E30 4 x 2,5 RE/2,5 | | 355,00 | 128,00 | 17,00 | orange |
| 01637043 | NHXCH E30 7 x 2,5 RE/2,5 | | 490,00 | 200,00 | 21,00 | orange |
| 01637045 | NHXCH E30 10 x 2,5 RE/4 | | 705,00 | 286,00 | 25,00 | orange |
| 01637048 | NHXCH E30 24 x 2,5 RE/10 | | 1370,00 | 696,00 | 35,00 | orange |
| 01637050 | NHXCH E30 30 x 2,5 RE/10 | | 1585,00 | 840,00 | 1,00 | orange |
| 01637003 | NHXCH E30 2 x 4 RE/4 | | 350,00 | 123,00 | 15,00 | orange |
| 01637009 | NHXCH E30 3 x 4 RE/4 | | 400,00 | 161,00 | 16,00 | orange |
| 01637022 | NHXCH E30 4 x 4 RE/4 | | 455,00 | 200,00 | 18,40 | orange |
| 01637004 | NHXCH E30 2 x 6 RE/6 | | 430,00 | 182,00 | 16,00 | orange |
| 01637010 | NHXCH E30 3 x 6 RE/6 | | 495,00 | 240,00 | 17,00 | orange |
| 01637023 | NHXCH E30 4 x 6 RE/6 | | 580,00 | 297,00 | 19,80 | orange |
| 01637005 | NHXCH E30 2 x 10 RE/10 | | 590,00 | 312,00 | 18,00 | orange |
| 01637011 | NHXCH E30 3 x 10 RE/10 | | 690,00 | 408,00 | 19,00 | orange |
| 01637024 | NHXCH E30 4 x 10 RE/10 | | 820,00 | 504,00 | 22,10 | orange |
| 01637006 | NHXCH E30 2 x 16 RE/16 | | 820,00 | 489,00 | 20,00 | orange |
| 01637012 | NHXCH E30 3 x 16 RE/16 | | 970,00 | 643,00 | 22,00 | orange |
| 01637025 | NHXCH E30 4 x 16 RE/16 | | 1150,00 | 796,00 | 24,30 | orange |
| 01637013 | NHXCH E30 3 x 25 RE/16 | | 1350,00 | 904,00 | 26,00 | orange |
| 01637026 | NHXCH E30 4 x 25 RM/16 | | 1630,00 | 1142,00 | 28,90 | orange |
| 01637014 | NHXCH E30 3 x 35 RE/16 | | 1830,00 | 1192,00 | 29,00 | orange |
| 01637035 | NHXCH E30 3 x 35 RM/35 | | 2200,00 | 1402,00 | 30,00 | orange |



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| 01637027 | NHXCH E30 4 x 35 RM/16 | | 2070,00 | 1526,00 | 31,50 | orange |
| 01637015 | NHXCH E30 3 x 50 RE/25 | | 2380,00 | 1728,00 | 33,30 | orange |
| 01637036 | NHXCH E30 3 x 50 RM/50 | | 2900,00 | 2000,00 | 34,00 | orange |
| 01637028 | NHXCH E30 4 x 50 RM/25 | | 2730,00 | 2203,00 | 36,60 | orange |
| 01637016 | NHXCH E30 3 x 70 RE/35 | | 3230,00 | 2415,00 | 37,80 | orange |
| 01637037 | NHXCH E30 3 x 70 RM/70 | | 4000,00 | 2796,00 | 39,00 | orange |
| 01637029 | NHXCH E30 4 x 70 RM/35 | | 3810,00 | 3082,00 | 41,30 | orange |
| 01637017 | NHXCH E30 3 x 95 RE/50 | | 4585,00 | 3311,00 | 43,10 | orange |
| 01637038 | NHXCH E30 3 x 95 RM/95 | | 5300,00 | 3791,00 | 44,00 | orange |
| 01637030 | NHXCH E30 4 x 95 RM/50 | | 5100,00 | 4208,00 | 47,10 | orange |
| 01637018 | NHXCH E30 3 x 120 RM/70 | | 5625,00 | 4261,00 | 47,00 | orange |
| 01637031 | NHXCH E30 4 x 120 RM/70 | | 6420,00 | 5388,00 | 51,00 | orange |
| 01637019 | NHXCH E30 3 x 150 RE/70 | | 6210,00 | 5100,00 | 52,00 | orange |
| 01637039 | NHXCH E30 3 x 185 RM/95 | | 7695,00 | 6383,00 | 54,00 | orange |
| 01637040 | NHXCH E30 3 x 240 RM/120 | | 10035,00 | 8242,00 | 56,00 | orange |
| 01637032 | NHXCH E30 4 x 150 RM/70 | | 7800,00 | 6540,00 | 60,00 | orange |
| 01637041 | NHXCH E30 4 x 185 RM/95 | | 9630,00 | 8159,00 | 62,00 | orange |
| 01637042 | NHXCH E30 4 x 240 RM/120 | | 10800,00 | 10546,00 | 64,00 | orange |