

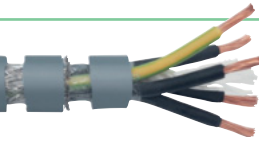
Halogen-free Cables

SABIX® A 238 FRNC

control cable with numbered cores, improved fire performance, extended temperature range and overall copper screen



SKES · D-VIERSEN · SABIX® A 238 FRNC 5 x 1,5 mm² CE



Marking for SABIX® A 238 FRNC 62380515:

SAB BRÜCKSKES · D-VIERSEN · SABIX® A 238 FRNC 5 x 1,5 mm² CE

Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, VDE 0295, class 5 |
| Insulation: | SABIX® |
| Colour code: | black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores |
| Stranding: | in layers |
| Wrapping: | foil |
| Screen: | tinned copper braiding |
| Sheath material: | SABIX® |
| Sheath colour: | grey (RAL 7000) |

Outstanding features:



- halogen-free
- good EMC characteristics
- no flame propagation
- flame retardant and self-extinguishing
- very good stripping

Technical Data:

| | |
|--|---|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | core/core 3000 V core/screen 2000 V |
| Min. bending radius | |
| fixed laying: | 5 x d |
| flexible application: | 10 x d |
| Temperature range | |
| fixed laying: | -40/+85 °C |
| flexible application: | -30/+85 °C |
| Halogen-free: | acc. to IEC 60754-1 + VDE 0482-754-1 |
| Fire performance: | no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter N „Technical data“. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 |
| Corrosiveness of conflagration gases: | in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases |
| Smoke density: | acc. to IEC 61034 + VDE 0482-1034 |
| Flexibility: | good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

A
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| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 62380205 | 2 x 0,50 | 0,21 | 5,5 | 25,5 | 42 |
| 62380305 | 3 x 0,50 | 0,21 | 5,8 | 30,7 | 51 |
| 62380405 | 4 x 0,50 | 0,21 | 6,4 | 35,3 | 62 |
| 62380505 | 5 x 0,50 | 0,21 | 6,5 | 43,5 | 74 |
| 62380705 | 7 x 0,50 | 0,21 | 7,4 | 53,4 | 87 |
| 62381205 | 12 x 0,50 | 0,21 | 9,8 | 86,6 | 143 |
| 62381805 | 18 x 0,50 | 0,21 | 11,6 | 140,4 | 214 |
| 62382505 | 25 x 0,50 | 0,21 | 14,8 | 18,0 | 285 |
| 62380207 | 2 x 0,75 | 0,21 | 6,3 | 30,5 | 55 |
| 62380307 | 3 x 0,75 | 0,21 | 6,6 | 39,3 | 66 |
| 62380407 | 4 x 0,75 | 0,21 | 7,1 | 48,4 | 78 |
| 62380507 | 5 x 0,75 | 0,21 | 7,9 | 57,4 | 97 |
| 62380707 | 7 x 0,75 | 0,21 | 8,5 | 74,2 | 117 |
| 62381207 | 12 x 0,75 | 0,21 | 11,4 | 134,3 | 202 |
| 62381807 | 18 x 0,75 | 0,21 | 13,5 | 189,3 | 290 |
| 62382507 | 25 x 0,75 | 0,21 | 16,4 | 277,9 | 409 |
| 62380210 | 2 x 1,00 | 0,21 | 6,5 | 36,8 | 61 |
| 62380310 | 3 x 1,00 | 0,21 | 6,8 | 46,5 | 73 |
| 62380410 | 4 x 1,00 | 0,21 | 7,3 | 58,1 | 88 |
| 62380510 | 5 x 1,00 | 0,21 | 8,2 | 71,7 | 111 |
| 62380710 | 7 x 1,00 | 0,21 | 8,8 | 93,3 | 135 |
| 62381210 | 12 x 1,00 | 0,21 | 12,0 | 169,3 | 240 |
| 62381810 | 18 x 1,00 | 0,21 | 14,0 | 232,8 | 332 |

| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 62382510 | 25 x 1,00 | 0,21 | 17,0 | 338,6 | 467 |
| 62380215 | 2 x 1,50 | 0,26 | 7,1 | 60,7 | 74 |
| 62380315 | 3 x 1,50 | 0,26 | 7,7 | 69,5 | 96 |
| 62380415 | 4 x 1,50 | 0,26 | 8,3 | 81,3 | 116 |
| 62380515 | 5 x 1,50 | 0,26 | 9,2 | 98,2 | 143 |
| 62380715 | 7 x 1,50 | 0,26 | 9,9 | 129,8 | 177 |
| 62381215 | 12 x 1,50 | 0,26 | 13,5 | 232,5 | 312 |
| 62381815 | 18 x 1,50 | 0,26 | 15,9 | 356,8 | 455 |
| 62382515 | 25 x 1,50 | 0,26 | 19,3 | 472,0 | 626 |
| 62380225 | 2 x 2,50 | 0,26 | 8,5 | 71,8 | 106 |
| 62380325 | 3 x 2,50 | 0,26 | 9,2 | 98,2 | 139 |
| 62380425 | 4 x 2,50 | 0,26 | 9,9 | 132,0 | 170 |
| 62380525 | 5 x 2,50 | 0,26 | 11,2 | 167,7 | 222 |
| 62380725 | 7 x 2,50 | 0,26 | 12,3 | 222,3 | 285 |
| 62381225 | 12 x 2,50 | 0,26 | 16,6 | 386,1 | 488 |
| 62381825 | 18 x 2,50 | 0,26 | 19,5 | 564,1 | 550 |
| 62382525 | 25 x 2,50 | 0,26 | 23,6 | 741,1 | 948 |
| 62380440 | 4 x 4,00 | 0,31 | 11,7 | 207,6 | 257 |
| 62380540 | 5 x 4,00 | 0,31 | 13,0 | 251,5 | 316 |
| 62380460 | 4 x 6,00 | 0,31 | 13,8 | 290,2 | 362 |
| 62380560 | 5 x 6,00 | 0,31 | 15,5 | 385,2 | 466 |
| 62380461 | 4 x 10,00 | 0,41 | 18,0 | 499,6 | 629 |
| 62380462 | 4 x 16,00 | 0,41 | 21,7 | 752,6 | 919 |

Other dimensions and colours are possible on request.