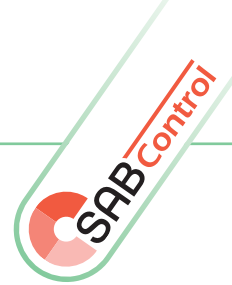


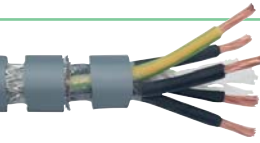
Halogen-free Cables

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“

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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.