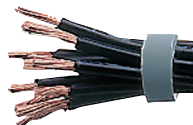


# HALOGEN-FREE CABLES

**SABIX® A 200 FRNC** Control cable with numbered conductors, improved fire performance and extended temperature range



BRÖCKSKES · D-VIERSEN · SABIX® A 200 FRNC 12 x 1,5 mm<sup>2</sup>

Marking for SABIX® A 200 FRNC 62001215:  
SAB BRÖCKSKES · D-VIERSEN · SABIX® A 200 FRNC 12 x 1,5 mm<sup>2</sup> CE

SABIX® A 200 FRNC is a halogen free, multi-conductor, flexible power and control cable designed for use in all electrical equipment in dry, damp and wet conditions. Recommended applications include machinery, data processing equipment, ventilation and air conditioning systems. In case of fire no corrosive gases are produced. This cable is particularly suitable for use where human life and valuable property are exposed to a extremely high risk of fire.

## Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	SABIX® 336
<b>Color code:</b>	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
<b>Stranding:</b>	in layers
<b>Jacket material:</b>	SABIX® 230
<b>Jacket color:</b>	gray

## Outstanding features:

- ▶ halogen-free
- ▶ no flame propagation
- ▶ flame retardant and self-extinguishing
- ▶ very flexible
- ▶ very good stripping

## Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage U:</b>	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2
<b>Min. bending radius</b>	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
<b>Temperature range</b>	
<i>static:</i>	-40/+85 °C
<i>flexing:</i>	-30/+85 °C
<b>Zero halogen:</b>	acc. to DIN VDE 0472 part 815 and IEC 60754-1
<b>Burning characteristics:</b>	no flame propagation acc. to IEC 60332 + EN 50266 cat. C resp. D. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
<b>Corrosivity:</b>	in compliance with IEC 60754-2 and EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases
<b>Smoke density:</b>	acc. to IEC 61034 + EN 61034
<b>Flexibility:</b>	good
<b>Weather resistance:</b>	good
<b>Absence of harmful substances:</b>	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
<b>▶ 20 AWG (15/32) • 0.50 mm<sup>2</sup></b>				
62000205	2	0.189	4.8	22
62000305	3	0.201	5.1	26
62000405	4	0.217	5.5	31
62000505	5	0.244	6.2	38
62000705	7	0.264	6.7	46
62001005	10	0.339	8.6	65
62001205	12	0.358	9.1	74
62001805	18	0.421	10.7	114
62002505	25	0.508	12.9	149
62003205	32	0.551	14.0	193
62004205	42	0.618	15.7	245
62006105	61	0.728	18.5	343
<b>▶ 19 AWG (23/32) • 0.75 mm<sup>2</sup></b>				
62000207	2	0.213	5.4	30
62000307	3	0.224	5.7	34
62000407	4	0.252	6.4	42
62000507	5	0.276	7.0	52
62000707	7	0.307	7.8	65
62001007	10	0.394	10.0	97
62001207	12	0.413	10.5	110
62001807	18	0.488	12.4	155
62002507	25	0.594	15.1	212
62003207	32	0.646	16.4	261
62004207	42	0.724	18.4	346
62006107	61	0.850	21.6	485
<b>▶ 18 AWG (30/32) • 1.00 mm<sup>2</sup></b>				
62000210	2	0.220	5.6	34
62000310	3	0.240	6.1	42
62000410	4	0.260	6.6	51

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
<b>▶ 18 AWG (30/32) • 1.00 mm<sup>2</sup></b>				
62000510	5	0.295	7.5	63
62000710	7	0.319	8.1	79
62001010	10	0.417	10.6	116
62001210	12	0.429	10.9	132
62001810	18	0.508	12.9	188
62002510	25	0.618	15.7	256
62003210	32	0.673	17.1	327
62004210	42	0.764	19.4	414
62006110	61	0.894	22.7	587
<b>▶ 16 AWG (27-29/30) • 1.50 mm<sup>2</sup></b>				
62000215	2	0.252	6.4	46
62000315	3	0.268	6.8	54
62000415	4	0.299	7.6	67
62000515	5	0.327	8.3	83
62000715	7	0.362	9.2	114
62001015	10	0.472	12.0	154
62001215	12	0.488	12.4	177
62001815	18	0.583	14.8	194
62002515	25	0.709	18.0	361
62003215	32	0.768	19.5	444
62004215	42	0.866	22.0	583
62006115	61	1.016	25.8	818
<b>▶ 14 AWG (46/36) • 2.50 mm<sup>2</sup></b>				
62000225	2	0.307	7.8	71
62000325	3	0.350	8.9	85
62000425	4	0.362	9.2	104
62000525	5	0.398	10.1	134
62000725	7	0.441	11.2	169
62001025	10	0.583	14.8	243

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
<b>▶ 14 AWG (46/36) • 2.50 mm<sup>2</sup></b>				
62001225	12	0.602	15.3	280
62001825	18	0.717	18.2	413
62002525	25	0.878	22.3	562
<b>▶ 12 AWG (52/28) • 4.00 mm<sup>2</sup></b>				
62000340	3	0.382	9.7	124
62000440	4	0.425	10.8	157
62000540	5	0.476	12.1	195
62000740	7	0.528	13.4	252
<b>▶ 10 AWG (78/28) • 6.00 mm<sup>2</sup></b>				
62000360	3	0.449	11.4	181
62000460	4	0.500	12.7	226
62000560	5	0.559	14.2	279
62000760	7	0.618	15.7	366
<b>▶ 8 AWG (77/26) • 10.00 mm<sup>2</sup></b>				
62000461	4	0.657	16.7	389
62000561	5	0.732	18.6	497
62000761	7	0.815	20.7	645
<b>▶ 6 AWG (119/26) • 16.00 mm<sup>2</sup></b>				
62000462	4	0.811	20.6	596
62000562	5	0.906	23.0	743
62000762	7	1.004	25.5	971
<b>▶ 4 AWG (169/26) • 25.00 mm<sup>2</sup></b>				
62000463	4	0.980	24.9	933
62000563	5	1.106	28.1	1176
<b>▶ 2 AWG (280/26) • 35.00 mm<sup>2</sup></b>				
62000464	4	1.134	28.8	1295
62000564	5	1.280	32.5	1622

Other dimensions and colors are possible on request.

E-mail: [info@sabcable.com](mailto:info@sabcable.com)



Web site: [www.sabcable.com](http://www.sabcable.com)

K  
15