

tested
acc. to NF F 16-101
and DIN 5510-2

HALOGEN-FREE CABLES

up to
+125°C



SABIX® A 280 FRNC X Wiring cable / Control cable

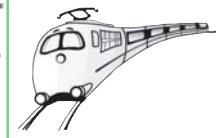


BRÖCKSKES · D-VIERSEN · SABIX® A 280 FRNC X 1 x 1,0 mm² CE

Marking for SABIX® A 280 FRNC X 62800110:
SAB BRÖCKSKES · D-VIERSEN · SABIX® A 280 FRNC X 1 x 1,0 mm² CE

BRÖCKSKES · D-VIERSEN · SABIX® A 280 FRNC X 1 x 1,0 mm² CE

Marking for SABIX® A 280 FRNC X 628000505:
SAB BRÖCKSKES · D-VIERSEN · SABIX® A 280 FRNC X 5 x 0,5 mm² CE



**Especially
for use in
rail vehicles**

Our control cable SABIX® A 280 FRNC X fulfill the requirements of NF F 16-101 and have proven durable in practice. For this cable also the exacting requirements have been confirmed in accordance with DIN 5510-2.

Construction:

Conductor:	tinned copper strands fine wires acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	special SABIX®
Single conductor: Color code:	white
Multi-conductor cable: Color code:	white conductors with black numbers acc. to. EN 50334
Multi-conductor cable: Stranding:	in layers
Multi-conductor cable: Jacket material:	special SABIX®
Multi-conductor cable: Sheath color:	black

Outstanding features:

- halogen-free
- no flame propagation
- flame retardant and self-extinguishing
- good ozone resistance
- good oil and chemical resistance
- acc. to NF F 16-101
- fulfills fire protection level 1 - 4
acc. to DIN 5510-1

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	2000 V
Min. bending radius:	5 x O. D.
Temperature range during protected, fixed laying:	-40/+125 °C
Zero halogen:	acc. to EN 50306-1 + EN 50264-1 are fulfilled. Development of HCl is < 0,5% acc. to EN 50267-2-1. pH-value is > 4,3 acc. to EN 50267-2-2. Conductivity is < 10,0 µS/mm acc. to EN 50267-2-2. Fluoric content < 0,1% acc. to EN 60684-2.
Burning characteristics:	nach NF C 32-070 C1. For cable diameter ≥ 12 mm: no flame propagation acc. to EN 50266-2-4. For cable diameter > 6 mm < 12 mm: no flame propagation acc. to EN 50266-2-5 For cable diameter ≤ 6 mm: no flame propagation acc. to EN 50266-2-5 with configuration acc. to EN 50306-1 resp. EN 50264-1. Flame retardant and self-extinguishing acc. to EN 60332-1-2.
Toxicity:	acc. to DIN EN 50305
Smoke density:	acc. to IEC 61034 + EN 61034
Smoke gas index:	NF F 16-101 < 20 class F1
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	ohmic resistance at 20°C max. Ω/km	heating value approx. kWh/km
▶ 20 AWG (≈ 16/32) • 0.50 mm²						
62800105	1	0.067	1.7	5	40.1	13
62800305	3	0.185	4.7	24	40.1	115
62800505	5	0.228	5.8	34	40.1	170
62800805	8	0.287	7.3	56	40.1	246
62801005	10	0.319	8.1	65	40.1	275
62801205	12	0.331	8.4	75	40.1	306
▶ 19 AWG (≈ 23/32) • 0.75 mm²						
62800607	6	0.283	7.2	58	26.7	237
62800807	8	0.287	7.3	68	26.7	245
62801007	10	0.370	9.4	89	26.7	345

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	ohmic resistance at 20°C max. Ω/km	heating value approx. kWh/km
▶ 18 AWG (≈ 30/32) • 1.00 mm²						
62800110	1	0.083	2.1	8	20.0	17
62800310	3	0.217	5.5	37	20.0	149
62800410	4	0.244	6.2	48	20.0	186
62800610	6	0.295	7.5	68	20.0	252
62800810	8	0.354	9.0	91	20.0	338
62801010	10	0.398	10.1	110	20.0	402
▶ 18 AWG (≈ 30/32) • 1.50 mm²						
62800115	1	0.098	2.5	11	13.7	22.5
62800315	3	0.260	6.6	46	13.7	210
▶ 14 AWG (≈ 46/30) • 2.50 mm²						
6280125	1	0.122	3.1	18	8.21	34

Other dimensions and colors are possible on request.

E-mail: info@sabcable.com



Web site: www.sabcable.com

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