

HALOGEN-FREE CABLES

acc. to
NF C32-070 C1



SABIX® A 226 C FRNC C1

Control cable with numbered conductors, improved fire performance, extended temperature range and overall copper screen



Marking for SABIX® A226 C FRNC C1 62261815:
SAB BRÖCKSKES · D-VIERSEN · SABIX® A226 C FRNC C1 18 x 1,5 mm² CE

SABIX® A 226 C FRNC C1 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 an extremely high risk of fire. An overall tinned copper braid is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation :	SABIX® 233
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Wrapping:	PETP foil
Screen:	tinned copper braiding
Jacket material:	SABIX® 233
Jacket color:	black

Outstanding features:

- good EMC characteristics
- halogen-free
- no flame propagation
- flame retardant and self-extinguishing
- NF C32-070 C1

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Testing voltage U:	2500 V
Min. bending radius	
<i>fixed laying:</i>	5 x O.D.
<i>flexible application:</i>	10 x O.D.
Temperature range	
<i>fixed laying:</i>	-30/+90 °C
<i>flexible application:</i>	-20/+90 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Burning characteristics:	no flame propagation acc. to IEC 60332 + EN 60332 cat. C resp. D. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2 + NF C32-070 C1
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 and EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases
Smoke density:	acc. to IEC 61034 + EN 61034
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

item no.	no. of conductors incl. ground	nominal outer-Ø inch	outer-Ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-Ø inch	outer-Ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-Ø inch	outer-Ø mm	cable weight ≈ lbs/mft
▶ 20 AWG (≈ 16/32) • 0.50 mm ²					▶ 16 AWG (≈ 27-29/30) • 1.50 mm ²					▶ 10 AWG (≈ 7/8/28) • 6.00 mm ²				
62260205	2	0.256	6.5	38	62260315	3	0.335	8.5	76	62260460	4	0.598	15.2	297
▶ 19 AWG (≈ 23/32) • 0.75 mm ²					▶ 14 AWG (≈ 46/30) • 2.50 mm ²					▶ 8 AWG (≈ 7/7/26) • 10.00 mm ²				
62260307	3	0.303	7.7	58	62260415	4	0.370	9.4	95	62260560	5	0.661	16.8	351
62260407	4	0.327	8.3	69	62260515	5	0.406	10.3	114	62260760	7	0.724	18.4	455
62260707	7	0.390	9.9	103	62260715	7	0.453	11.5	157	▶ 6 AWG (≈ 12/2/26) • 16.00 mm ²				
62261207	12	0.531	13.5	183	62261215	12	0.610	15.5	271	62260562	5	1.008	25.6	837
62261807	18	0.626	15.9	166	62261815	18	0.720	18.3	381	▶ 2 AWG (≈ 27/2/26) • 35.00 mm ²				
▶ 18 AWG (≈ 30/32) • 1.00 mm ²					▶ 12 AWG (≈ 52/28) • 4.00 mm ²					62260564 5 1.374 34.9 1646				
62261610	16	0.618	15.7	273	62260325	3	0.394	10.0	108	Other dimensions and colors are possible on request.				
62261810	18	0.654	16.6	302	62260425	4	0.445	11.3	159					
					62260340 3 0.461 11.7 159									
					62260440 4 0.508 12.9 200									

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