

Halogen-free Cables

SABIX® BL 400 FRNC

SABIX® BL - Flexible control cable 300/500 V

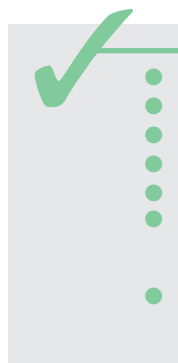


Marking for SABIX® BL 400 FRNC 64001215:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 400 FRNC 12 x 1.5 mm² - IEC 60332-3-22 - 300/500V DNV CE and current meter marking

Construction:

Conductor:	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	special SABIX®
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Jacket material:	special SABIX® SHF 1 compound acc. to IEC 60092-360
Jacket color:	pigeon blue (RAL 5014)



Outstanding features:

- low smoke halogen-free (LSHF)
- asbestos-free
- no flame propagation
- flame retardant and self-extinguishing
- flexible
- for applications
acc. to Hong Kong Convention
ingredients tested acc. to the requirements
of the Hong Kong Convention (2009) of the IMO
- approvals:
DNV

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
Min. bending radius:	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
Temperature range:	
<i>static:</i>	-40/+90°C
<i>flexible:</i>	-30/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	no flame propagation acc. to IEC 60332-3-22 + VDE 0482-332-3-22 cat. A. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Corrosivity:	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:	very good
Approvals:	DNV, CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	nominal outer-ø inch ±5%	mm ±5%	cable weight ≈lbs/mft
► 20 AWG (≈ 16/32) ▪ 0.50 mm²				
64000205	2	0.209	5.3	28
64000305	3	0.220	5.6	33
64000405	4	0.236	6.0	40
64000505	5	0.260	6.6	48
64000705	7	0.287	7.3	60
64001205	12	0.378	9.6	99
64001805	18	0.449	11.4	142
► 19 AWG (≈ 23/32) ▪ 0.75 mm²				
64000207	2	0.228	5.8	34
64000307	3	0.240	6.1	40
64000407	4	0.264	6.7	50
64000507	5	0.291	7.4	61
64000707	7	0.319	8.1	76
64001207	12	0.429	10.9	126
64001807	18	0.504	12.8	181

item no.	no. of conductors incl. ground	nominal outer-ø inch ±5%	mm ±5%	cable weight ≈lbs/mft
► 18 AWG (≈ 30/32) ▪ 1.00 mm²				
64000210	2	0.236	6.0	38
64000310	3	0.248	6.3	46
64000410	4	0.276	7.0	56
64000510	5	0.307	7.8	71
64000710	7	0.331	8.4	88
64001210	12	0.445	11.3	145
64001810	18	0.531	13.5	214
► 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
64000215	2	0.264	6.7	49
64000315	3	0.276	7.0	60
64000415	4	0.311	7.9	75
64000515	5	0.339	8.6	91
64000715	7	0.374	9.5	117
64001215	12	0.500	12.7	193
64001815	18	0.602	15.3	286

item no.	no. of conductors incl. ground	nominal outer-ø inch ±5%	mm ±5%	cable weight ≈lbs/mft
► 14 AWG (≈ 46/30) ▪ 2.50 mm²				
64000225	2	0.319	8.1	75
64000325	3	0.339	8.6	92
64000425	4	0.374	9.5	115
64000525	5	0.417	10.6	142
64000725	7	0.461	11.7	183
64001225	12	0.618	15.7	304
64001825	18	0.744	18.9	450

Other dimensions and colors are available on request



Possible on request:

- bare copper strands
- alternative color code and jacket color