

Halogen-free Cables

SABIX® BL 408 FRNC

SABIX® BL - Flexible power cable 0.6/1 kV

0.6/1 kV



FRNC 1.5 mm² - IEC 60332-3-22 - 0.6/1kV

DNV CE



Marking for SABIX® BL 408 FRNC 64080182:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 408 FRNC 1.5 mm² - IEC 60332-3-22 - 0.6/1kV 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 (RAL 9005)
Jacket material:	special SABIX® SHF 1 compound acc. to IEC 60092-360
Jacket color:	black (RAL 9005)

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:	U ₀ /U 0.6/1 kV
Testing voltage:	conductor/conductor: 4000 V
Min. bending radius:	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
Temperature range:	DIN VDE
<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, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	mm ²	AWG		outer-ø		cable weight ≈ lbs/mft
		MCM	(≈)	±10% inch	±10% mm	
▶ 64080180	1.00	18	(≈ 30/32)	0.213	5.4	29
▶ 64080182	1.50	16	(≈ 28/30)	0.224	5.7	34
▶ 64080184	2.50	14	(≈ 46/30)	0.240	6.1	42
▶ 64080186	4.00	12	(≈ 52/28)	0.280	7.1	59
▶ 64080187	6.00	10	(≈ 78/28)	0.299	7.6	74
▶ 64080188	10.00	8	(≈ 77/26)	0.346	8.8	113
▶ 64080189	16.00	6	(≈ 122/26)	0.402	10.2	159
▶ 64080190	25.00	4	(≈ 190/26)	0.472	12.0	232
▶ 64080191	35.00	2	(≈ 272/26)	0.539	13.7	315
▶ 64080192	50.00	1	(≈ 400/26)	0.606	15.4	431
▶ 64080193	70.00	2/0	(≈ 543/26)	0.705	17.9	571
▶ 64080194	95.00	3/0	(≈ 484/24)	0.811	20.6	764
▶ 64080195	120.00	4/0	(≈ 589/24)	0.894	22.7	937
▶ 64080196	150.00	250	(≈ 740/24)	0.972	24.7	1148
▶ 64080197	185.00	350	(≈ 902/24)	1.063	27.0	1389
▶ 64080198	240.00	450	(≈ 1220/24)	1.220	31.0	1845

Other dimensions and colors are available on request



Possible on request:

- bare copper strands
- alternative color code and jacket color