

# Halogen-free Cables

## SABIX® BL 402 FRNC

SABIX® BL - Halogen-free flexible wiring cable 0.6/1 kV

0.6/1 kV

SAB BL-Line

® BL 402 FRNC 1.5 mm<sup>2</sup> - IEC 60332-3-22 - 0.1kV DNV•GL CE



Marking for SABIX® BL 402 FRNC 64020182:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 402 FRNC 1.5 mm<sup>2</sup> - IEC 60332-3-22 - 0.6/1kV DNV•GL CE and current meter marking

### Construction:

<b>Conductor:</b>	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	SABIX®
<b>Color code:</b>	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
- pprovals:  
DNV-GL

### Technical data:

<b>Nominal voltage:</b>	Uo/U 0.6/1 kV
<b>Testing voltage:</b>	conductor/conductor: 4000 V
<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/+90°C
<i>flexible:</i>	-30/+90°C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Burning characteristics:</b>	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
<b>Corrosivity:</b>	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases
<b>Smoke density:</b>	acc. to IEC 61034 + VDE 0482-1034
<b>Flexibility</b>	very good
<b>Approvals:</b>	DNV-GL, CE, EAC, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

item no.	mm <sup>2</sup>	AWG		nominal outer-ø		cable weight ≈lbs/mft
		MCM	(≈)	inch ±5%	mm ±5%	
▶ 64020175	0.75	19	(≈ 23/32)	0.114	2.9	10
▶ 64020180	1.00	18	(≈ 30/32)	0.118	3.0	12
▶ 64020182	1.50	16	(≈ 28/30)	0.130	3.3	15
▶ 64020184	2.50	14	(≈ 46/30)	0.146	3.7	22
▶ 64020186	4.00	12	(≈ 52/28)	0.185	4.7	35
▶ 64020187	6.00	10	(≈ 78/28)	0.205	5.2	48
▶ 64020188	10.00	8	(≈ 77/26)	0.252	6.4	81
▶ 64020189	16.00	6	(≈ 122/26)	0.307	7.8	122
▶ 64020190	25.00	4	(≈ 190/26)	0.378	9.6	187
▶ 64020191	35.00	2	(≈ 272/26)	0.433	11.0	257
▶ 64020192	50.00	1	(≈ 400/26)	0.496	12.6	363
▶ 64020193	70.00	2/0	(≈ 543/26)	0.587	14.9	486
▶ 64020194	95.00	3/0	(≈ 484/24)	0.685	17.4	658
▶ 64020195	120.00	4/0	(≈ 589/24)	0.760	19.3	813
▶ 64020196	150.00	250	(≈ 740/24)	0.835	21.2	1014
▶ 64020197	180.00	350	(≈ 902/24)	0.917	23.3	1228
▶ 64020198	240.00	450	(≈ 1220/24)	1.063	27.0	1644

Other dimensions and colors are available on request



### Possible on request:

- bare copper strands
- alternative color code and jacket color