

Halogen-free Cables

SABIX® BL 402 FRNC

flexible wiring cable 0.6/1 kV



X® BL 402 FRNC 1,5 mm² - IEC 60332-3-22 - 0,6/1kV — DNV CE 



marking example:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 402 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®

Colour code: black (RAL 9005)

Outstanding features:

- » halogen-free
- » 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 0,6/1 kV

Testing voltage: core/core 4000 V

Min. bending radius
fixed laying: 4 x d
flexible application: 6 x d

Temperature range
fixed laying: -40/+90 °C
flexible application: -30/+90 °C

Halogen-free: acc. to IEC 60754-1 + VDE 0482-754-1

Fire performance: 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

Corrosiveness of conflagration gases: 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

Absence of harmful substances: acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	nominal cross section mm ²	outer-Ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
64020180	1,00	3,0	9,6	17
64020182	1,50	3,3	14,4	23
64020184	2,50	3,7	24,0	32
64020186	4,00	4,7	38,4	52
64020187	6,00	5,2	57,6	71
64020188	10,00	6,4	96,0	121
64020189	16,00	7,8	153,6	180
64020190	25,00	9,6	240,0	275
64020191	35,00	11,0	336,0	380
64020192	50,00	12,6	480,0	536
64020193	70,00	14,9	672,0	723
64020194	95,00	17,4	912,0	985
64020195	120,00	19,3	1152,0	1219
64020196	150,00	21,2	1440,0	1500
64020197	185,00	23,3	1776,0	1849
64020198	240,00	27,0	2304,0	2447

Other dimensions and colours are possible on request.

Possible on request:

- » bare copper strands
- » alternative colour code