

HALOGEN-FREE CABLES

SABIX® BL 400 FRNC Flexible control cable 300/500 V



BL = BlueLine



Control Cable 12 x 1,5 mm² GL ABS Assessed · Lloyd's Register CE

Marking for SABIX® BL 400 FRNC 64001215:

SAB BRÖCKSKES · D-VIERSEN · SABIX®BL 400 FRNC · Control Cable 12 x 1,5 mm² GL ABS Assessed · Lloyd's Register CE

The halogen-free SABIX® BlueLine cables have been approved by GL, LR as well as ABS. Their SABIX® characteristics fulfill the highest safety-related aspects in shipbuilding with regards to both fire performance as well as being halogen-free. The type SABIX® BlueLine Control with a nominal voltage of 300/500 V complement the new product series with control cables for electrical components.

Construction:

| | |
|------------------------|---|
| Conductor: | tinned copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5 |
| Insulation: | SABIX® FRNC |
| Color code: | black conductors with consecutive numbers acc. to EN 50334 green-yellow earth wire from 3 conductors |
| Stranding: | in layers |
| Sheathmaterial: | SABIX® FRNC |
| Sheath color: | pigeon blue |

Technical data:

| | |
|--|--|
| Nominal voltage: | Uo/U 300/500 V |
| Testing voltage U: | 2000 V acc. to DIN VDE 0281 part 2 + HD 21.2 |
| 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> | -40/+90°C |
| <i>flexible application:</i> | -30/+90°C |
| Zero halogen: | acc. to EN 50267-2-1 + IEC 60754-1 |
| Burning characteristics: | no flame propagation acc. to IEC 60332-3-22 + DIN EN 60332-3-22 cat. A. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + DIN EN 60332-1-2 |
| Corrosiveness of conflagration gases: | in compliance with IEC 60754-2 + DIN EN 50267-2-2 - no development of corrosive conflagration gases |
| Smoke density: | acc. to IEC 61034 + EN 61034 |
| Flexibility: | very good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page N/28 |

Outstanding features:

- halogen-free
- no flame propagation
- flame retardant and self-extinguishing
- flexible
- approvals:
Germanischer Lloyds
Lloyd's Register
American Bureau of Shipping

Possible on request:

- bare copper strands
- alternative color code and sheath color
for an improved uv resistance we recommend a black outer sheath

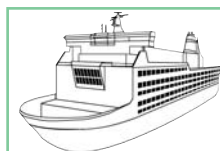


| item no. | no. of conductors incl. ground | nominal outer-ø inch | outer-ø mm | cable weight ≈ lbs/mft |
|---|--------------------------------|----------------------|------------|------------------------|
| ▶ 20 AWG (≈ 16/32) • 0.50 mm² | | | | |
| 64000205 | 2 | 0.209 | 5.3 | 28 |
| 64000305 | 3 | 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 | outer-ø mm | 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 | outer-ø mm | 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 possible on request.



especially for use in shipbuilding industry

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Web site: www.sabcable.com