Bauliftkabel B101 / B102 / B103 to be used at plant elevators

Technical data

- **Temperature range**
  flexing -10°C to +80°C
- **Nominal voltage**
  control cores 300/500 V
  power supply cores 0,6/1 kV
- **A.c. test voltage**, 50 Hz
  control cores 1500 V
  power supply cores 3000 V
- **Minimum bending radius**
  10x cable Ø

Cable structure

- Bare copper-conductor, extra fine-wire, high flexible
- Core insulation of plastic, flexible at low temperatures
- Core identification black cores with continuous white numbering
- GN-YE conductor
- Outer sheath of special plastic, flexible at low temperatures
- Sheath colour black

Properties

- Sheath UV-resistant
- In carriage version with special support braiding and with PUR sheath particularly resistant to wear, oil, hydrolysis and microbial attack

Note

- Optional separate copper screening of the control cores

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Application

These hybrid cables are used for power supply and control of vertical lifts in the construction industry. There are 3 cable versions.
Bauliftkabel B101: Here the cable is drawn vertically from a drum as a drag cable via the load platform. The load platform pulls the cable along as it moves up. During the downwards motion the cable returns to the drum automatically. Our special versions are used at heights of up to about 150 m.
Bauliftkabel B102: For greater heights, a so-called carriage version is employed, in which the cable is fed at the centre of the tower, i. e. half the way up.
Bauliftkabel B103: Here the cable is guided via a spring-loaded drum. These vertical construction lifts are used during new construction and renovation work on high buildings. The rack lattice elements are fastened at intervals to the exterior facade.
CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Bauliftkabel B101

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
73519	5 G 2,5 + 10 x 1,0	20,0	220,0	306,0	-
73913	5 G 2,5 + 11 x 1,0	20,0	225,6	320,0	14
70402	3 G 4 + 7 x 1,0	17,4	184,0	360,0	12
70931	4 G 6 + 9 x 1,0	20,5	330,0	555,0	10
70377	4 G 6 + 10 x 1,0	21,0	340,0	575,0	10
71901	4 G 6 + 15 x 1,0	22,0	388,0	625,0	10
71369	4 G 10 + 10 x 1,0	25,0	480,0	870,0	8
78123	4 G 16 + 6 x 1,0	26,1	700,0	1250,0	6
78124	4 G 16 + 10 x 1,0	29,0	710,0	1300,0	6
78125	4 G 16 + 15 x 1,0	31,5	760,0	1380,0	6
73726	4 G 16 + 1 x 2,5 + 4 x 1,0	28,5	830,0	1460,0	6

Bauliftkabel B102

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
74293	4 G 16 + 1 x 2,5 + 2 x 2 x 1,0	28,5	830,0	1080,0	6
74670	4 G 16 + 1 x 2,5 + 2 x 2 x 1,0	28,5	787,0	1080,0	6
74297	4 G 25 + 1 x 2,5 + 2 x 2 x 1,0	33,4	1176,0	1500,0	4
78122	4 G 35 + 4 x 2,5 + 2 x 2 x 1,0 + 1 x 1,0	38,0	1500,0	1850,0	2

Bauliftkabel B103

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
77532	4 G 2,5 + 3 x 1,0	13,0	125,0	230,0	14
77538	4 G 2,5 + 3 x 1,0	15,3	125,0	280,0	14

Dimensions and specifications may be changed without prior notice.

Suitable accessories can be found in Chapter X.

• Cable tie - T-WS