

LIFT-TRAGO-30 / -60 lift hoist control cable, pendal length 30m resp. 60m



Technical data

- Lift hoist control cables with strain bearing element to IEC 60227-6 edition 2001-06 and adapted to DIN VDE 0281 part 13
- **Temperature range**
flexing -5 °C to +50 °C
fixed installation -40 °C to +70 °C
- **Max. conductor temperature**
under load +70 °C
circuit conditions +150 °C
- **Nominal voltage**
U₀/U 300/500 V
- **Test voltage** 3000 V
- **Breakdown voltage**
min. 6000 V
- **Minimum bending radius**
approx. 20x cable ø
- **Insulation resistance**
min. 20 MΩm x km
- **Radiation resistance**
up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- Special PVC core insulation, TI2 to DIN VDE 0281 part 1
- Black cores with continuous white numbering according to DIN VDE 0293
- Green-yellow earth core in the outer layer
- Cores stranded with optimal lay-length according to the number of cores in one or two layers, over a central suspension strand of textile.
- LIFT-TRAGO-30 - Fleece wrapping
- LIFT-TRAGO-60 - Support braiding of textile suspension strands
- Outer sheath of special PVC, TM2 to DIN VDE 0281 part 1
- Colour black (RAL 9005)

Properties

- Extensively oil resistant
- Chemical Resistance - see table Technical Informations
- The PVC-outer sheath is oil resistant according to DIN VDE 0281 part 1
- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow earth core.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- Cable for pendal length 60 m and above available on request.

Application

These cables are used as control or feeder cables in lifts and hoists.

- 30 m pendal length - LIFT-TRAGO-30
- 60 m pendal length - LIFT-TRAGO-60

Suspension height for medium mechanical stresses in dry and moist rooms.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

LIFT-TRAGO-30

| Part no. | No. cores x cross-sec. mm ² | Outer Ø approx. mm | Cop. weight kg / km | Weight approx. kg / km | Support core | Pendal length app. m | AWG-No. |
|----------|--|--------------------|---------------------|------------------------|--------------|----------------------|---------|
| 25259 | 7 G 1 | 11,5 | 67,0 | 170,0 | Textile | 30 | 17 |
| 25260 | 12 G 1 | 15,7 | 115,0 | 325,0 | Textile | 30 | 17 |
| 25261 | 18 G 1 | 16,1 | 173,0 | 390,0 | Textile | 30 | 17 |
| 25262 | 24 G 1 | 19,2 | 230,0 | 530,0 | Textile | 30 | 17 |

LIFT-TRAGO-60

| Part no. | No. cores x cross-sec. mm ² | Outer Ø approx. mm | Cop. weight kg / km | Weight approx. kg / km | Support core | Pendal length app. m | AWG-No. |
|----------|--|--------------------|---------------------|------------------------|--------------|----------------------|---------|
| 25263 | 7 G 1 | 12,3 | 67,0 | 185,0 | Textile | 60 | 17 |
| 25264 | 12 G 1 | 16,2 | 115,0 | 335,0 | Textile | 60 | 17 |
| 25265 | 18 G 1 | 16,7 | 173,0 | 400,0 | Textile | 60 | 17 |
| 25266 | 24 G 1 | 19,8 | 230,0 | 540,0 | Textile | 60 | 17 |
| 25267 | 30 G 1 | 22,5 | 288,0 | 690,0 | Textile | 60 | 17 |
| 25268 | 36 G 1 | 28,2 | 346,0 | 930,0 | Steel | 60 | 17 |

Dimensions and specifications may be changed without prior notice. (RF01)