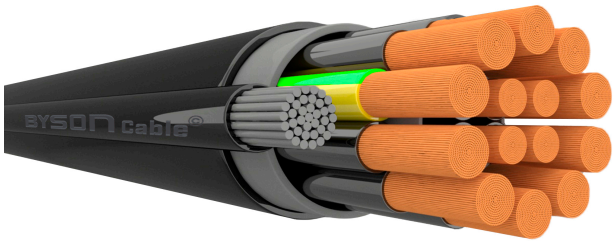
Pendant cable Crane 2S

Lift and Hoist Control Cables 300/500 V



Technical data

- Lift hoist control cables with strain bearing element Special PVC-compound for core and sheath, adapted to DIN VDE 0250
- **Temperature range**
  flexing -15°C to +70°C
  fixed installation -40°C to +70°C
- **Max. conductor temperature** under load +70°C
  circuit conditions +150°C
- **Nominal voltage**
  U_0/U 300/500 V
- **Test voltage** 3000 V
- **Breakdown voltage**
  min. 6000 V
- **Minimum bending radius** 20x cable Ø

Application

These cables are used as control or feeder cables in lifts and hoists. The special attention given to both production and material quality for these cables has made them ideal even for use under extreme conditions. BYSON CRANE-2S has also proven itself to be ideally suited for installation in conveyor systems and manual control units. The external steel support wires can be dismounted without damaging the cable insulation.
CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.6, extra fine-wire, BS 6360 cl.6, IEC 60228 cl.6
- Core insualtion of special PVC, TI2 to DIN VDE 0207-363-3 / DIN EN 50363-3
- Core identification to DIN VDE 0293
- GN-YE conductor
- Special hemp support braid
  for **Trago** type with central support core of hemp
  for **Lift-2S** type with 2 outer steel support wires
- Cores stranded in layers with optimal lay-length
- Multi-layer wrapping functioning as a support braid
- Outer sheath of special PVC TM2 to DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour black (RAL 9005)

Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
- UV-resistant

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- G = with green-yellow conductor
- AWG sizes are approximate equivalent values. The actual cross-section is in mm^2.

DIMENSIONS

BYSON Part Number.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm^2	NOMINAL OVERALL DIAMETER mm		NOMINAL WEIGHT kg/km
			Minimum	Maximum	
3000031	5	1.5	10.0	20.0	210
3000033	8	1.5	12.5	22.0	300
3001209	12	1.5	13.0	23.0	350
3000023	16	1.5	15.5	25.5	440
3000026	20	1.5	16.5	27.5	525

info@bysoncable.co.uk tel +44 (0)24 76543 291 fax +44 (0) 843 5240132