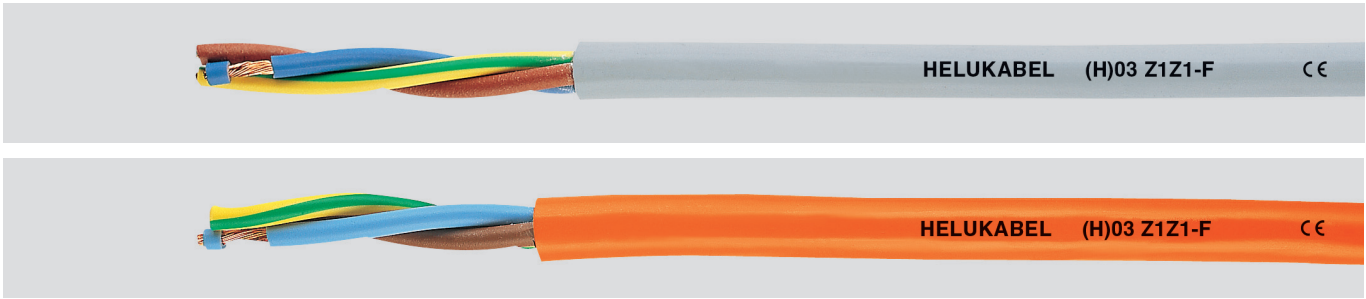




new



Technical data

- flexible halogen-free control cable according E DIN VDE 0281 part 14 pr HD 21.14 S1
- **Temperature range**
+5°C to +40°C
- **Nominal voltage**
U₀/U 300/300 V
- **Test voltage** 2000 V
- **Minimum bending radius**
15 x cable Ø
- **Radiation resistance**
up to 20x10⁶ cJ/kg (up to 20 Mrad)
- **Tests**
Tested for flame retardation to VDE 0482 part 265-2-1, EN 50265-2-1 (equivalent to VDE 0472 part 804 test method B)
- Smoke density to VDE 0482 part 268-2
- Halogen-free to HD 21.14 appendix C

Cable structure

- Bare copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 5, IEC 60228 cl. 5 and HD 383
- Insulating jacket thermoplastic compound, T16 according DIN VDE 0281 part 14, appendix A
- Core identification according to DIN VDE 0293
- Green-yellow earth core (3 cores and above)
- Cores stranded with optimal lay-length
- Outer sheath, thermoplastic compound, TM7 according DIN VDE 0281 part 14, appendix B
- Jacket colour by request

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

Application

These cables may be used when halogen-free, low smoke and corrosive gas properties are required in case of fire. For low mechanical demands in the house, kitchen and office, for small equipment such as, for example, office machines, radios, table and standard lamps.
Not suitable for:
Cooking and heating equipment
Use in high temperature areas (for example, in lighting equipment)
Outside use
Industrial use or industrial electrical tools
Cables with a nominal cross-section of 0.75 mm² comply with the same recommendations as for cable (H)05 Z1Z1-F

¹⁾ VDE registration number requested.
²⁾ Draft

CE = The product is conformed with the EG Low Voltage Directive 73/23/EEC and 93/68/EEC.

Part No.	No. cores x cross-sec. mm ²	Outer Ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-no. *)
3233	2 x 0,5	5,0	9,6	39	20
3234	3 G 0,5	5,3	14,4	46	20
3235	4 G 0,5	5,8	19,2	56	20

Part No.	No. cores x cross-sec. mm ²	Outer Ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-no. *)
3236	2 x 0,75	5,4	14,4	47	18
3237	3 G 0,75	5,7	21,6	55	18
3238	4 G 0,75	6,3	29,0	69	18

G = with green-yellow earth core
X = without green-yellow earth core

ca. RAL	9005 black	9003 white	5015 blue	6018 green	8003 brown	1021 yellow	3000 red	2003 orange	4005 violet	7001/7032 grey
Colour code	0	1	2	3	4	5	6	7	8	9

***) Note**

AWG sizes are approximate equivalent values.
The actual cross-section is in mm² – see page T 15.

Please add the individual part no. for order with the identification colour code.
Further colours on request.