

# PART NO. 231020FB

HSL(St)CH-JZ Control Cable, 20 x 1 mm²

## Detailed Specifications & Technical Data

### CROSS SECTION

1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Outer Jacket

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Stranded electrolytic annealed copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295) |
| Insulation | : Halogen-free (DIN VDE 0207, EN 50363-3, TS EN 50290-2-26 TI2), Black insulation, white number coded and a Y/G insulation (DIN VDE 0293, TS EN 50334) |
| Stranding | : In layers |
| Wrapping | : Polyester tape |
| Screen | : Al/PET tape, tinned copper braiding |
| Outer Jacket | : UV resistant halogen-free outer jacket (TS EN 50290-2-27). RAL 7001 (Grey) |

### TECHNICAL DATA

| | |
|---|---|
| Cross Section | : 1.00 mm² |
| Conductor Resistance Ω/km (20 °C) | : 19.5 |
| Insulation Resistance (@500V DC) MΩ/km | : 20 |
| Operating Voltage V DC | : 300/500 |
| Test Voltage (@ 1 minute) V DC | : 2000 |

### STANDARDS

| | |
|---|---|
| Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2 |
| Corrosive Gas Test | : IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3 |
| Halogen-free Test | : IEC 60754-1, VDE 0482-267-2-1, BS EN 50267-2-1 |
| Flame Retardancy Test | : IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2 |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 7.5xD mm |
| Temperature Range Operating | : -30°C ~ +70°C |

### CABLE TYPE DATA

| CAMCOM Part No. | Conductor Count | Conductor Cross-section (mm²) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|---|---|---|---|---|---|---|
| 231020FB | 20 | 1 | 14 | 194.8 | 341 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

© Technovation Alliance Enterprise B.V.