

# LifeCord (L) FRHF



- ✓ Fire-resistant
- ✓ Flame-retardant
- ✓ Halogen-free
- ✓ Low smoke emission

## Fire-resistant unarmoured power and control cable 0,6/1kV

Standards: IEC 60502-1

|                   |   |
|-------------------|---|
| <b>Conductor</b>  | 1,5 mm <sup>2</sup> solid copper conductor<br>> 1,5 mm <sup>2</sup> stranded copper conductor       |
| <b>Insulation</b> | Mica tape, XLPE plastic   |
| <b>Bedding</b>    | Separator tape  |
| <b>Sheath</b>     | Polyolefine plastic, halogen free flame-retardant, standard colour orange, other colours on request |

|                             |  |
|-----------------------------|--|
| <b>Application</b>          | For fixed installation in places where the cable has to maintain its functionality during fire   |
| <b>Main characteristics</b> | Rated voltage AC 0,6/1kV (1,2kV)<br>DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)<br>Max conductor temperature of +90°C<br>and in case of short circuit (max 5 s duration) +250°C<br>Minimum recommended installation temperature -15 °C<br>Lowest operation temperature -40 °C |
| <b>Fire properties</b>      | Fire-resistant IEC 60331-21 series<br>Flame-retardant IEC 60332-1-2 -test for single insulated wire and cable<br>IEC 60332-3-22 -test for bunched wires and cables, category A<br>Halogen-free IEC 60754 series<br>Smoke emission IEC 61034 series   |
| <b>Identification</b>       | Lot number, cable type, cable size, production month, year, manufacturer's name and meter marking printed on the sheath  |

### Core identification, HD308S2

WIRING CABLES:



2-cores



3-cores



5-cores

CONTROL CABLES: 5–27 cores numbered 1, 2, 3...

| LifeCord (L) FRHF 0,6/1 kV |        | conductor & cross-section<br>n x mm <sup>2</sup> | Number of Nominal outer<br>Ø mm | Nominal weight kg/km | Standard delivery length m |
|----------------------------|--------|--|---------------------------------|----------------------|----------------------------|
| Part number Normal         | G-type |  |                                 |                      |                            |
| 75400                      |        | 2X1.5  | 8,50                            | 80                   | 500                        |
| 75401                      |        | 2X2.5  | 10,00                           | 120                  | 500                        |
| 75402                      |        | 2X6  | 13,00                           | 260                  | 500                        |
| 75403                      |        | 2X10   | 15,00                           | 385                  | 500                        |
| 75410                      | 75411  | 3x1.5  | 9,00                            | 105                  | 500                        |
| 75412                      | 75413  | 3x2.5  | 10,50                           | 150                  | 500                        |
| 75414                      | 75415  | 3x6  | 14,00                           | 330                  | 500                        |
| 75416                      | 75417  | 3x10   | 16,00                           | 485                  | 500                        |
| 75430                      | 75431  | 5x1.5  | 11,00                           | 165                  | 500                        |
| 75432                      | 75433  | 5x2.5  | 12,50                           | 225                  | 500                        |
| 75434                      | 75435  | 5x6  | 16,70                           | 496                  | 500                        |
| 75436                      | 75437  | 5x10   | 19,50                           | 736                  | 500                        |
| 75438                      |        | 7X1.5  | 12,00                           | 207                  | 500                        |
| 75439                      |        | 7X2.5  | 14,00                           | 295                  | 500                        |
| 75440                      |        | 12X1.5   | 16,00                           | 342                  | 500                        |
| 75441                      |        | 12X2.5   | 18,30                           | 480                  | 500                        |
| 75442                      |        | 19X1.5   | 18,40                           | 505                  | 500                        |
| 75443                      |        | 19X2.5   | 21,60                           | 718                  | 500                        |
| 75444                      |        | 27X1.5   | 22,40                           | 712                  | 500                        |
| 75445                      |        | 27X2.5   | 26,50                           | 1025                 | 500                        |

G-type is with yellow/green conductor and marking on sheath is, for example, 3G1,5