

## FRHF-EMC / BFSI-EMC

Copper power cable EMC  
FRHF

## 0.6/1 (1.2) kV



Fire-resistant EMC power cable for fixed installations indoors and outdoors. May be buried directly in soil. EMC shielded cable gives an excellent protection against electromagnetic disturbances. For locations where safety requires the operation of alarm, control, signalling and energy circuits also during a fire. The conductor insulation must be protected against UV-radiation. Installations must be in accordance with national regulations and rules of installations. No requirement for CPR-classification.

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| <b>Additional information</b>                        | IEC 60331-21 Fire resistant, 180 min. IEC 60331-1, -2 EN 50200, EN 50362 Fire resistant with shock, 90 min. EN/IEC 60332-3-22 Flame retardant in a bunch, Category A EN/IEC 61034 Low smoke density EN/IEC 60754 Halogen-free, non-corrosive EN 50289-1-6 Electromagnetic performance |
| <b>Standards</b>                                     | SFS 5547, HD 604 5 D  |
| <b>Conductor</b>                                     | 1,5-6 mm <sup>2</sup> circular solid copper, EN/IEC 60228 class 1<br>10-25 mm <sup>2</sup> circular stranded copper, EN/IEC 60228 class 2<br>35-240 mm <sup>2</sup> sector shaped stranded copper, EN/IEC 60228 class 2   |
| <b>Insulation</b>                                    | Halogen-free XLPE, mica tape  |
| <b>Core identification</b>                           | Brown, black, grey  |
| <b>Oversheath</b>                                    | UV-protected halogen-free polyolefin compound , Orange  |
| <b>Size</b>  | 3x185/95  |
| <b>Product code</b>                                  | 1146643   |
| <b>Voltage</b>                                       | 0.6/1 (1.2) kV  |
| <b>Nominal diameter of complete cable mm</b>         | 50  |
| <b>Nominal weight of cable kg/km</b>                 | 7244  |
| <b>Max. pulling force by pulling-eye kN</b>          | 8.32  |
| <b>Max. DC resistance of conductor at 20 °C Ω/km</b> | 0,0991  |
| <b>Min. cable temperature during handling °C</b>     | -15   |
| <b>Max. conductor temperature °C</b>                 | 90  |
| <b>Max. cond. temp. short circuit max. 5 s °C</b>    | 250   |
| <b>standard packing m</b>                            | Drum 500  |
| <b>Electricity number</b>                            | 6438176009567   |
| <b>EAN code</b>                                      | 6438176009567   |

