

## AFUX-HF C-PRO 300/500 V

Low smoke halogen-free installation cable



### Product family description

For fixed surface and flush-mounted installations, indoors and outdoors. Especially for circumstances where it is required to have installation cables with a low emission of smoke and corrosive gases in case of fire.

### Marketing text 1

### Marketing text 2

## CERTIFICATIONS AND DESIGN STANDARDS

### Standards

**DIN VDE 0250-214**  
**IEC 60332-1-2**  
**IEC 60332-3**  
**IEC 61034**  
**IEC 60754**  
**SFS 5544 (where appl.)**  
**EN 50575:2014+A1:2016**  
**EN 13501-6, class Cca**

|   |                     |
|---|---------------------|
| Conductor material  | Copper              |
| Conductor surface   | Bare                |
| Core insulation material  | XLPE                |
| Core identification (acc. HD 308 S2)                                    | Yes                 |
| Material inner sheath   | Halogenfree polymer |
| Material outer sheath   | Halogenfree polymer |
| Max. conductor temperature [°C]   | 70                  |
| Max. conductor temperature at short circuit [°C]                        |                     |
| Permitted cable outer temperature during assembling/handling (min) [°C] | -15                 |
| Bending radius (rule)   | 10x OD              |

## FIRE PROPERTIES

Flame retardant

In accordance with EN 13501-6

## DELIVERY INFO

| External article code | Item name                          | EAN-code (GTIN) | Packaging type | Standard packaging quantity |
|-----------------------|------------------------------------|-----------------|----------------|-----------------------------|
| 0403369               | AFUX-HF C-PRo 500V 3x1,5 S K6M/500 | 6410004033692   | Drum           | 500                         |
| 0403370               | AFUX-HF C-PRo 500V 3x1,5 S PK300   | 6410004033708   | Bobbin         | 300                         |
| 0403371               | AFUX-HF C-PRo 500V 3x1,5 S R100    | 6410004033715   | Coil           | 100                         |
| 0403381               | AFUX-HF C-PRo 500V 5x1,5 S K6M/500 | 6410004033814   | Drum           | 500                         |
| 0403382               | AFUX-HF C-PRo 500V 5x1,5 S PK200   | 6410004033821   | Bobbin         | 200                         |
| 0403383               | AFUX-HF C-PRo 500V 5x1,5 S R100    | 6410004033838   | Coil           | 100                         |
| 0403374               | AFUX-HF C-PRo 500V 3x2,5 S K6M/500 | 6410004033746   | Drum           | 500                         |
| 0403375               | AFUX-HF C-PRo 500V 3x2,5 S PK200   | 6410004033753   | Bobbin         | 200                         |
| 0403379               | AFUX-HF C-PRo 500V 3x2,5 S R100    | 6410004033791   | Coil           | 100                         |
| 0403384               | AFUX-HF C-PRo 500V 5x2,5 S K6M/500 | 6410004033845   | Drum           | 500                         |
| 0403385               | AFUX-HF C-PRo 500V 5x2,5 S PK150   | 6410004033852   | Bobbin         | 150                         |
| 0403386               | AFUX-HF C-PRo 500V 5x2,5 S R50     | 6410004033869   | Coil           | 50                          |
| 0403380               | AFUX-HF C-PRo 500V 3x6 S K6M/400   | 6410004033807   | Drum           | 400                         |
| 0403387               | AFUX-HF C-PRo 500V 5x6 S K6M/250   | 6410004033876   | Drum           | 250                         |
| 0406243               | AFUX-HF C-PRo 500V 5x6 S K8/500    |                 | Drum           | 500                         |

## MECHANICAL AND ELECTRICAL DATA

| Product name             | Nominal outer diameter [mm] | Current carrying capacity [A] | Conductor resistance at 20° C [Ohm/km] | Weight [kg/km] | Min. permitted bending radius, stationary application/permanent installation [mm] |
|--------------------------|-----------------------------|-------------------------------|--|----------------|---|
| AFUX-HF C-PRo 500V 3G1,5 | 9                           |                               | 12.1                                   | 120            | 90  |
| AFUX-HF C-PRo 500V 5G1,5 | 10                          |                               | 12.1                                   | 180            | 100   |
| AFUX-HF C-PRo 500V 3G2,5 | 10                          |                               | 7.41                                   | 170            | 100   |
| AFUX-HF C-PRo 500V 5G2,5 | 11                          |                               | 7.41                                   | 240            | 110   |
| AFUX-HF C-PRo 500V 3G6   | 13                          |                               | 3.08                                   | 340            | 130   |
| AFUX-HF C-PRo 500V 5G6   | 15                          |                               | 3.08                                   | 500            | 150   |

Current load, Installation method A (e.g. in conduit inside wall)