

AFUX-HF C-PRO 500 V

Low smoke halogen-free installation cable



APPLICATION

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.

RATED VOLTAGE

U₀/U = 300/500 V

Declaration of Performance (DoP)

Ref. No 1002552



DIN VDE 0250-214

SFS 5544 (where appl.)

EN 50575:2014+A1:2016

EN 13501-6, class Cca-s1,d1,a1

IEC 60332-1-2

IEC 60332-3

IEC 61034

IEC 60754

Conductor

Copper

Conductor surface

Bare

Insulation

XLPE

Filling sheath

Halogenfree polymer

Outer sheath

Halogenfree polymer

Max. conductor temperature [°C]

70

Max. conductor temperature at short circuit [°C]

160

Permitted cable outer temperature during assembling/handling (min) [°C]

-15

Minimum permissible bending radius during laying

10x OD

FIRE PROPERTIES

Reaction-to-fire, CPR classification
 Flame retardant
 Halogen free

Cca-s1,d1,a1
 In accordance with EN 13501-6
 Yes

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0413063	AFUX-HF C-PRo 500V 2x1,5 N PK300	6410004130636	Bobbin	300
0413095	AFUX-HF C-PRo 500V 2x2,5 N PK200	6410004130957	Bobbin	200
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
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
0403380	AFUX-HF C-PRo 500V 3x6 S K6M/400	6410004033807	Drum	400
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
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
0403387	AFUX-HF C-PRo 500V 5x6 S K6M/250	6410004033876	Drum	250

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Current rating, ref. install. type A [A]	Max. DC resistance, conductor (20°C) [ohm/km]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
AFUX-HF C-PRo 500V 2X1,5	8.5	15	12.1	110	85
AFUX-HF C-PRo 500V 2X2,5	9.5	20	7.41	140	95
AFUX-HF C-PRo 500V 3G1,5	9	15	12.1	120	90
AFUX-HF C-PRo 500V 3G2,5	10	20	7.41	170	100
AFUX-HF C-PRo 500V 3G6	13	34	3.08	340	130
AFUX-HF C-PRo 500V 5G1,5	10	14	12.1	180	100
AFUX-HF C-PRo 500V 5G2,5	11	19	7.41	240	110
AFUX-HF C-PRo 500V 5G6	15	31	3.08	500	150

Current rating: installation method A (e.g. in conduit inside wall)