

XPJ-HF C-PRo 3X1,5

Halogen free installation cable with copper conductors



APPLICATION

Halogen-free and flame retardant cable. Smoke generation in the event of fire is small, transparent (to facilitate evacuation) and not harmful to electronic equipment. For fixed surface or flush-mounted installations, indoors and outdoors. Suitable for installation in a slot covered with plaster. Not for installation directly in ground or directly in concrete. Cable needs protection from direct sunlight.

Discover E Path: baltics.prysmian.com/en/e-path

CERTIFICATIONS AND DESIGN STANDARDS



EN 60332-1-2

EN 60332-3

EN 50575:2014/A1:2016

EN 60228

IEC 60754

HD 60364-5-52

HD 308 S2

EN 50525-1

Vertical flame propagation for a single insulated wire or cable
Tests on electric and optical fibre cables under fire conditions.
Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables.

Cables for general applications in construction works subject to reaction to fire requirements

Conductor standard

Corrosive gases

Selection and erection of electrical equipment. Wiring systems.

Identification of cores in cables and flexible cords

Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)

Conductor material

Conductor surface

Core insulation material

Core identification (acc. HD 308 S2)

Material outer sheath

Copper

Bare

XLPE

Yes

Halogenfree polymer

Max. conductor temperature [°C]

Resistant to UV

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

Bending radius (rule)

70

No

-15

EN 50565-1

Flame retardant

Halogen free

Halogen free (acc. IEC 60754-2)

Low smoke (acc. IEC 61034-2)

Reaction-to-fire class (acc. EN 13501-6)

Smoke development class (acc. EN 13501-6)

Euro class flaming droplets/particles (acc. EN 13501-6)

Euro class acidity (acc. EN 13501-6)

In accordance with EN/IEC 60332-1-2

acc. IEC/EN 60754-1/2

Yes

Yes

Cca

s1

d1

a1

PRODUCT PROPERTIES

Conductor category	Class 1 = solid
Shape of conductor	Round
Nominal cross section conductor [mm ²]	1.5
Number of cores	3
With protective conductor	No
Colour outer sheath	White
Nominal outer diameter [mm]	7.9
Current carrying capacity [A]	15
Conductor resistance at 20° C [Ohm/km]	12.1
Current carrying capacity in air [A]	23
Cable weight [kg/km]	105
Min. bending radius during installation [mm]	40
DOP number	1011132

Current load in air, installation method E, temperature 25°C
 Current load, Installation method A1 (e.g. inside insulated wall), air 25°C

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
XPJ-HF C pro 500V 3X1,5 R100/4800	4741532034243	Coil	100
XPJ-HF C pro 500V 3X1,5 T2000	4741532034250	Drum	2,000