

XPJ-HF D 3G2,5

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.

CERTIFICATIONS AND DESIGN STANDARDS



EN 60228

EN 50575:2014/A1:2016

EN 50525-1

HD 308 S2

EN 60332-1-2

Conductor standard

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

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

Identification of cores in cables and flexible cords

Vertical flame propagation for a single insulated wire or cable

Conductor material

Copper

Conductor surface

Bare

Core insulation material

XLPE

Core identification (acc. HD 308 S2)

Yes

Material outer sheath

Halogenfree polymer

Max. conductor temperature [°C]

70

Resistant to UV

No

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

-15

Bending radius (rule)

EN 50565-1

Flame retardant

In accordance with EN/IEC 60332-1-2

Halogen free

acc. IEC/EN 60754-1/2

Halogen free (acc. IEC 60754-2)

Yes

Low smoke (acc. IEC 61034-2)

Yes

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

Dca

Smoke development class (acc. EN 13501-6)

s2

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

d2

Euro class acidity (acc. EN 13501-6)

a2

PRODUCT PROPERTIES

Conductor category	Class 1 = solid
Shape of conductor	Round
Nominal cross section conductor [mm ²]	2.5
Number of cores	3
With protective conductor	Yes
Colour outer sheath	White
Nominal outer diameter [mm]	9
Current carrying capacity [A]	20
Conductor resistance at 20° C [Ohm/km]	7.41
Cable weight [kg/km]	140
Min. bending radius during installation [mm]	45
DOP number	1003300

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

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
XPJ-HF D 500V 3G2,5 P250	4741532030368	Drum	250
XPJ-HF D 500V 3G2,5 R100/3600	4741532030344	Coil	100
XPJ-HF D 500V 3G2,5 T500	4741532030412	Drum	500
XPJ-HF D 500V 3G2,5 T1000	4741532030351	Drum	1,000