

XPJ 3G6

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 without protective ducting. Cable needs protection from direct sunlight.

CERTIFICATIONS AND DESIGN STANDARDS

EN 60332-1-2	Vertical flame propagation for a single insulated wire or cable
EN 60332-3	Tests on electric and optical fibre cables under fire conditions. Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables.
EN 50575:2014/A1:2016	Cables for general applications in construction works subject to reaction to fire requirements
EN 60228	Conductor standard
IEC 60754	Corrosive gases
HD 60364-5-52	Selection and erection of electrical equipment. Wiring systems.
HD 308 S2	Identification of cores in cables and flexible cords
EN 50525-1	Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)

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
UV resistant	No
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Bending radius (rule)	EN 50565-1
Reaction-to-fire class (acc. EN 13501-6)	Cca
Smoke development class (acc. EN 13501-6)	s1
Euro class flaming droplets/particles (acc. EN 13501-6)	d1
Euro class acidity (acc. EN 13501-6)	a1
Flame retardant	In accordance with EN/IEC 60332-1-2
Halogen free (acc. IEC 60754-2)	Yes
Low smoke (acc. IEC 61034-2)	Yes

PRODUCT PROPERTIES

Conductor category	Class 1 = solid
Shape of conductor	Round
Nominal cross section conductor [mm ²]	6
Number of cores	3
With protective conductor	Yes
Colour outer sheath	White
Nominal outer diameter [mm]	13
Current carrying capacity [A]	34
Conductor resistance at 20° C [Ohm/km]	3.08
Cable weight [kg/km]	305
Min. bending radius during installation [mm]	80
DOP number	1011132

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

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
XPJ-HF C Pro 750V 3G6 RE T500	4741532034403	Drum	500