Draka
A Brand of Prysmian Group

XPUJ-HF D 5G2.5

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. Intended to use for fixed surface or flush-mounted installations, indoors, outdoors and in ground. Cable is UV-resistant.

CERTIFICATIONS AND DESIGN STANDARDS

EN 60228	Conductor standard
EN 50575:2014/A1:2016	Cables for general applications in construction works subject to reaction to fire requirements
EN 50525-1	Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)
HD 308 S2	Identification of cores in cables and flexible cords
EN 60332-1-2	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
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Bending radius (rule)	EN 50565-1
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
Flame retardant	In accordance with EN/IEC 60332-1-2
Halogen free (acc. IEC 60754-2)	Yes
Low smoke (acc. IEC 61034-2)	Yes

We reserve the right to change as a result of product development and/or changes in product standard.

PRODUCT PROPERTIES

Conductor category	Class 1 = solid
Shape of conductor	Round
Nominal cross section conductor [mm²]	2.5
Number of cores	5
With protective conductor	Yes
Colour outer sheath	Black
Nominal outer diameter [mm]	10.4
Current carrying capacity [A]	19
Conductor resistance at 20° C [Ohm/km]	7.41
Current carrying capacity in air [A]	26
Cable weight [kg/km]	209
Min. bending radius during installation [mm]	55
DOP number	1010170

Current load, Installation method A2 (e.g. in conduit inside wall), air 25°C

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
XPUJ-HF D 500V 5G2,5 R100/3000	4741532032560	Coil	100
XPUJ-HF D 500V 5G2,5 T500	4741532032539	Drum	500
XPUJ-HF D 500V 5G2,5 T750	4741532032553	Drum	750
XPUJ-HF D 500V 5G2,5 P200	4741532032577	Drum	200
XPUJ-HF D 500V 5G2,5 R50/3000	4741532032546	Coil	50

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