A Brand of Prysmian Group

KLMA-HF DCA

Symmetrical halogen-free signal cable



Afumex ®

GENERAL INFO

APPLICATION

Declaration of Performance (DoP) Nominal voltage U [V]

These symmetrical signal cables are used in control and supervision centres, security systems and building automation. They are suitable for fixed installation inside housings.

See Table Delivery info

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CERTIFICATIONS AND DESIGN STANDARDS

RoHS (€





SFS 2755 EN 50575:2014+A1:2016 IEC 61034 IEC 60754

EN 13501-6, class Dca-s2,d2,a2 IEC 60332-1-2

CABLE DESIGN

Conductor Copper Conductor surface Tinned

Insulation Polyethylene (PE)

Drain wire Yes Screen over stranding Foil

Outer sheath Thermoplastic polymer

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APPLICATION PROPERTIES

Max. conductor temperature [°C] 70 Permitted cable outer temperature after assembling without vibration (min) -40

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

Minimum permissible bending radius during laying 15 x D under maximum tension 10 x D without tension

FIRE PROPERTIES

Reaction-to-fire, CPR classification Dca-s2.d2.a2 Yes

Self-extinguishing

Flame retardant In accordance with EN 13501-6 acc. IEC/EN 60754-1/2

Halogen free Yes

Low smoke (acc. IEC 61034-2)

PRODUCT RANGE

PRODUCT NAME	Snro	EAN-code (GTIN)	DOP number	Packaging type	Standard delivery length
KLMA-HF Dca 2x0,8+0,8 PK500	0241226	8711401016683	1003555	Bobbin	500
KLMA-HF Dca 4x0,8+0,8 PK500	0241227	8711401016720	1003556	Bobbin	500

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MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV] 0.5

Product description (short)	Diameter over cable [mm]	Insulation resistance [MΩ·km]	Max. DC resistance, conductor (20°C) [ohm/km]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
KLMA-HF Dca 2x0,8+0,8	5	500	36.7	35	50
KLMA-HF Dca 4x0,8+0,8	6	500	36.7	50	55

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