

KLMA-HF C-PRO

Symmetrical halogen-free signal cable



GENERAL INFO

APPLICATION

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

Declaration of Performance (DoP)

Ref. nro 1004952

Nominal voltage U [V]

50

CERTIFICATIONS AND DESIGN STANDARDS



SFS 2755

IEC 60332-3

EN 13501-6, class Cca-s1,d1,a1 EN 50575:2014+A1:2016

IEC 60332-1-2

IEC 61034

IEC 60754

CABLE DESIGN

Conductor

Copper

Conductor surface

Bare

Insulation

Halogenfree polymer

Drain wire

Yes

Screen over stranding

Foil

Outer sheath

Thermoplastic polymer

APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature during assembling/handling (min) [°C]	-5
Minimum permissible bending radius during laying	15 x D under maximum tension 10 x D without tension

FIRE PROPERTIES

Reaction-to-fire, CPR classification	Cca-s1,d1,a1
Self-extinguishing	Yes
Flame retardant	In accordance with EN 13501-6
Halogen free	acc. IEC/EN 60754-1/2
Low smoke (acc. IEC 61034-2)	Yes

PRODUCT RANGE

PRODUCT NAME	Snro	EAN-code (GTIN)	DOP number	Packaging type	Standard delivery length
KLMA-HF C-PRo 2x0,8+0,8 PK500	0241224	6410002412246	1004952	Bobbin	500
KLMA-HF C-PRo 4x0,8+0,8 PK500	0241225	6410002412253	1004952	Bobbin	500

MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV]	0.5
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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 C-PRo 2x0,8+0,8	5	500	36.7	35	50
KLMA-HF C-PRo 4x0,8+0,8	5.5	500	36.7	50	55