2024-03-28 15:01:37

KLMA-HF

Signaling cable HF

75 V



Application

Control cable for fixed installations indoors and outdoors. Not to be laid in soil nor directly in cast concrete. The conductor insulation must be protected against UV-radiation. Installations must be in accordance with national regulations and rules of installations. The cable is halogen-free and flame-retardant according to CPR-class Dca-s2,d2,a2.

Design

Standards	SFS 2755
Reaction to fire	Dca-s2,d2,a2; EN 13501-6, EN 50575:2014+A1:2016
Conductor	Circular solid copper, EN/IEC 60228 class 1
Core Identification	Blue, yellow Blue, yellow, white, red
Inner covering	Halogen free filling compound
Separation sheath	Halogen free filling compound

Temperature limits

Max. conductor temperature °C	70
Max. cond. temp. short circuit max. 5 s °C	160
Min. cable temperature during operation °C	-40
Min. cable temperature during handling °C	-10
Min. cable temperature during transport °C	-40

© **Reka** rights for changes reserved • **www.rekacables.com** •

2024-03-28 15:01:37

Technical information	2x0,8+0,8	4x0,8+0,8
Product code	**1147412**	**1147414**
Nominal cross-sectional area of conductor mm²	0,8	0,8
Nominal diameter of conductor mm	0,8	0,8
Fire load MJ/m	0,558	0,731
Fire load kWh/m	0,155	0,203
Nominal cable diameter mm	6,720	7,380
Nominal cable weight kg/km	54,414	71,000
Metall weight Cu kg/m	0,014	0,023
Maximum forces during installation when pulling by		
Max. pulling force by pulling-eye kN	0,0	0,1
Minimum bending radii		
Minimum bending radius, handling mm	101	111
Minimum bending radius, final bending mm	67	74
Minimum bending radii		
During handling and installation, cable cm	10	11
In final installation, cable cm	7	7
DC resistance		
Max. DC resistance of conductor at 20 °C Ω/km	36,0	36,0
Electrical values		
Minimum insulation resistance MΩ × km	1000	1000

© **Reka** rights for changes reserved • **www.rekacables.com** •