MKEM-HF / H07Z1-K

Installationwire-HF

450/750 V



Application

Installation wirefor fixed installations indoors. For internal wiring of electrical devices. The conductor insulation must be protected against UV-radiation. The cable is halogen-free and flame-retardant according to CPR-class Dca-s2,d2,a2.

Design

Standards	EN 50525-3-31
Reaction to fire	Dca-s2,d2,a2; EN 13501-6, EN 50575:2014+A1:2016
Conductor	Circular flexible copper, EN/IEC 60228 class 5
Insulation	Halogen free polyolefine compound
Core Identification	Yellowgreen Blue Brown Black Grey Red

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	-15
Min. cable temperature during transport °C	-40

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Technical information	6 BK H07Z1-K	6 BU H07Z1-K
Product code	**1145883**	**1145887**
Nominal cable diameter mm	5	5
Nominal cable weight kg/km	61	61
Nominal weight of copper kg/km	45	45
Nominal Insulation thicness mm	0,8	0,8
Fire load		
Fire load MJ/m	0,241	0,241
Fire load kWh/m	0,067	0,067
Maximum forces during installation when pulling by		
Max. pulling force by pulling-eye kN	0,3	0,3
Max. pulling force by pulling-stocking kN		
Minimum bending radii		
Minimum bending radius, handling mm	38	38
Minimum bending radius, final bending mm	14	14
Minimum bending radii		
During handling and installation, cable cm	4	4
In final installation, cable cm	1	1
DC resistance		
Max. DC resistance of conductor at 20 °C Ω/km	3,08	3,08

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