

## MKEM-HF / H07Z1-K

### Installationwire-HF

### 450/750 V

### Application

Installation wire for 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

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

### Temperature limits

<b>Max. conductor temperature °C</b>	70
<b>Max. cond. temp. short circuit max. 5 s °C</b>	160
<b>Min. cable temperature during operation °C</b>	-40
<b>Min. cable temperature during handling °C</b>	-15
<b>Min. cable temperature during transport °C</b>	-40

2026-05-22 16:35:44

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