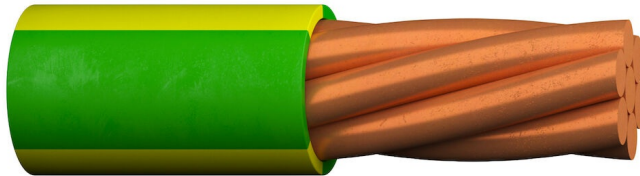


MK-HF C-PRO 10 KEVI

Low smoke halogen free installation wire



APPLICATION

For fixed installation in a conduit, and for fixed internal wiring in appliances, switch gear and control gear with a maximum voltage of 1000 V (AC) or 750 V (DC) to earth.

CERTIFICATIONS AND DESIGN STANDARDS



EN 60228

EN 50525-1

EN 50525-3-31

EN 60332-1-2

EN 60332-3

EN 50575:2014/A1:2016

IEC 60754

IEC 61034

Conductor standard

Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)

Single core non-sheathed cables with halogen-free thermoplastic insulation, and low emission of smoke

Vertical flame propagation for a single insulated wire or cable

Tests on electric and optical fibre cables under fire conditions. Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables.

Cables for general applications in construction works subject to reaction to fire requirements

Corrosive gases

Smoke density

DESIGN

Conductor material

Copper

Conductor surface

Bare

Core insulation material

Halogenfree polymer

Max. conductor temperature [°C]

70

Max. conductor temperature at short circuit [°C]

160

Permitted cable outer temperature after assembling without vibration (min) [°C]

-40

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

-25

Bending radius (rule)

8x OD

Reaction-to-fire class (acc. EN 13501-6)

Cca

Smoke development class (acc. EN 13501-6)

s1

Euro class flaming droplets/particles (acc. EN 13501-6)

d1

Euro class acidity (acc. EN 13501-6)

a1

Flame retardant

In accordance with EN 13501-6

MECHANICAL AND ELECTRICAL DATA

Nominal cross section conductor [mm ²]	10
Conductor category	Class 2 = stranded
Core colour	Green/yellow
Cable weight [kg/km]	120
Nominal outer diameter [mm]	7
Min. final single bending radius [mm]	25
Conductor resistance at 20° C [Ohm/km]	1.83
Current carrying capacity [A]	41
DOP number	1002607

Current load, Installation method A1 (e.g. inside insulated wall), air 25°C

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
MK-HF C-PRO 10 KEVI R100	6410004062111	Coil	100
MK-HF C-PRO 10 KEVI K6M/1000	6410004062104	Drum	1,000