

MK-HF C-PRo 450/750 V

Low smoke halogen-free installation wire



GENERAL INFO

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.

RATED VOLTAGE

U₀/U = 450/750 V

Declaration of Performance (DoP)

Ref. No 1002607

STANDARDS AND CERTIFICATIONS



EN 50525-3-31

EN 50575:2014+A1:2016

EN 13501-6, class Cca-s1,d1,a1

IEC 60332-1-2

IEC 60332-3

IEC 60754

IEC 61034

hEN CPR cables

CPR fire class, Cca-s1,d1,a1

Vertical flame propagation for a single insulated wire or cable

Corrosive gases

Smoke density

Conductor

Copper

Conductor surface

Bare

Insulation

Halogenfree polymer

APPLICATION PROPERTIES

Max. conductor temperature [°C]

70

Max. conductor temperature at short circuit [°C]

160

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

-25

Minimum permissible bending radius during laying

8x OD

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FIRE PROPERTIES

Reaction-to-fire, CPR classification
Flame retardant
Halogen free

Cca-s1,s1,a1
In accordance with EN 13501-6
Yes

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0403395	MK-HF C-Pro 6 YE/GN PK500	6410004033951	Bobbin	500
0403396	MK-HF C-PRo 6 YE/GN R100	6410004033968	Coil	100
0403397	MK-HF C-PRo 6 BK PK500	6410004033975	Bobbin	500
0403398	MK-HF C-Pro 6 BK R100	6410004033982	Coil	100
0406209	MK-HF C-PRo 6 BN R100	6410004062098	Coil	100
0403399	MK-HF C-PRo 6 BU PK500	6410004033999	Bobbin	500
0406208	MK-HF C-PRo 6 BU R100	6410004062081	Coil	100
0401616	MK-HF C-PRo 6 PINK R100	6430010758761	Coil	100
0406210	MK-HF C-Pro 10 YE/GN K6M/1000	6410004062104	Drum	1,000
0406212	MK-HF C-PRo 10 BK K6M/1000	6410004062128	Drum	1,000
0406214	MK-HF C-PRo 10 BU K6M/1000	6410004062142	Drum	1,000
0406211	MK-HF C-Pro 10 YE/GN R100	6410004062111	Coil	100
0406213	MK-HF C-PRo 10 BK R100	6410004062135	Coil	100
0406215	MK-HF C-PRo 10 BU R100	6410004062159	Coil	100
0406216	MK-HF C-PRo 16 YE/GN K6M/500	6410004062166	Drum	500
0406218	MK-HF C-PRo 16 BK K6M/500	6410004062180	Drum	500
0406220	MK-HF C-PRo 16 BU K6M/500	6410004062203	Drum	500
0401602	MK-HF C-PRo 16 PINK K6M/500	6430010758310	Drum	500
0406217	MK-HF C-Pro 16 YE/GN R100	6410004062173	Coil	100
0406219	MK-HF C-PRo 16 BK R100	6410004062197	Coil	100
0406226	MK-HF C-PRo 16 BU R100	6410004062265	Coil	100
0406227	MK-HF C-Pro 25 YE/GN K6/500	6410004062272	Drum	500
0406229	MK-HF C-Pro 25 BK K6/500	6410004062296	Drum	500
0406234	MK-HF C-PRo 25 BU K6/500	6410004062340	Drum	500
0401603	MK-HF C-PRo 25 PINK K6/500	6430010758327	Drum	500
0406228	MK-HF C-PRo 25 YE/GN R100	6410004062289	Coil	100
0406230	MK-HF C-PRo 25 BK R100	6410004062302	Coil	100
0406236	MK-HF C-PRo 25 BU R100	6410004062364	Coil	100
0406237	MK-HF C-Pro 35 YE/GN K6/500	6410004062371	Drum	500
0406238	MK-HF C-PRo 35 BK K6/500	6410004062388	Drum	500
0406239	MK-HF C-PRo 35 BU K6/500	6410004062395	Drum	500
0401604	MK-HF C-PRo 35 PINK K6/500	6430010758334	Drum	500

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DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0406240	MK-HF C-Pro 50 YE/GN K7/500	6410004062401	Drum	500
0406241	MK-HF C-PRo 50 BK K7/500	6410004062418	Drum	500
0406244	MK-HF C-PRo 50 BU K7/500	6410004062449	Drum	500
0401605	MK-HF C-PRo 50 PINK K7/500	6430010758334	Drum	500
0406245	MK-HF C-Pro 70 YE/GN K7/500	6410004062456	Drum	500
0406246	MK-HF C-PRo 70 BK K7/500	6410004062463	Drum	500
0406247	MK-HF C-Pro 95 YE/GN K8/500	6410004062470	Drum	500
0406248	MK-HF C-PRo 95 BK K8/500	6410004062487	Drum	500
0406249	MK-HF C-Pro 120 YE/GN K9/500	6410004062494	Drum	500
0406250	MK-HF C-PRo 120 BK K9/500	6410004062500	Drum	500
0406251	MK-HF C-PRo 150 YE/GN K9/500	6410004062517	Drum	500
0406252	MK-HF C-PRo 150 BK K9/500	6410004062524	Drum	500

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Current rating, ref. install. type A [A]	Max. DC resistance, conductor (20°C) [ohm/km]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
MK-HF C-PRo 6	5	31	3.08	70	40
MK-HF C-PRo 10	7	41	1.83	120	60
MK-HF C-PRo 16	8	55	1.15	170	65
MK-HF C-PRo 25	10	72	0.727	270	80
MK-HF C-PRo 35	11	88	0.524	360	90
MK-HF C-PRo 50	12	105	0.387	490	100
MK-HF C-PRo 70	14	133	0.268	680	115
MK-HF C-PRo 95	16	159	0.193	940	130
MK-HF C-PRo 120	18	182	0.153	1,200	145
MK-HF C-PRo 150	20	208	0.124	1,500	160

Current rating: installation method A (e.g. in conduit inside wall)

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