

MMO-HF C-PRO 7G1,5

Low smoke halogen free control cable



APPLICATION

Cable for the control, measuring and signal circuits of electrical equipment for fixed surface and flush-mounted installation, indoors and outdoors.

CERTIFICATIONS AND DESIGN STANDARDS



EN 60228

EN 50575:2014/A1:2016

EN 60332-1-2

EN 60332-3

IEC 60754

IEC 61034

Conductor standard

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

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.

Corrosive gases

Smoke density

Conductor material	Copper
Conductor surface	Bare
Core insulation material	Halogenfree polymer
Material outer sheath	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]	-20
Bending radius (rule)	10x 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

PRODUCT PROPERTIES

Conductor category	Class 1 = solid
Shape of conductor	Round
Nominal cross section conductor [mm²]	1.5
Number of cores	7
With protective conductor	Yes
Colour outer sheath	White
Nominal outer diameter [mm]	12
Current carrying capacity [A]	
Conductor resistance at 20° C [Ohm/km]	12.1
Cable weight [kg/km]	220
Min. bending radius during installation [mm]	0
DOP number	1003302

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

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
MMO-HF C-PRO 7X1,5 S K8/500	6410004130261	Drum	500