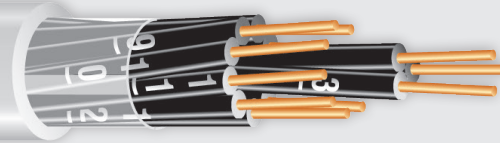


## MMO-HF 0,6/1 kV

Low smoke halogen-free 1 kV control cable



**Draka**



### RATED VOLTAGE

$U_0/U = 0,6/1$  kV,  $U_m = 1,2$  kV

### APPLICATION

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

Especially for circumstances where it is required to have insulated conductors with a low emission of smoke and corrosive gases in case of fire.

- Not suitable for installation directly in ground nor directly in concrete without protective ducting.
- not for installations subject to electrical interference (see MCCMO).
- Direct sunlight (UV) may slightly alter the colour of the sheath.

Highest permissible conductor temperature:

- continuous operation 70 °C
- short circuit (duration up to 5 s) 250 °C

Lowest recommended temperature during laying (3):

-20 °C

Maximum permissible pulling force from conductor is  $50 \times A$  N/mm<sup>2</sup>

### CONSTRUCTION

**Conductor** Solid annealed copper wire

**Insulation** PEX compound

**Filling sheath** Taping (/halogen-free filling compound)

**Outer sheath** Grey halogen-free compound

### IDENTIFICATION OF CORES

According to standard EN 50334:  
7-24 cores Yellow-green, numbering

### STANDARDS

IEC 60502-1

SFS 3714 when applicable

IEC / EN 60332-1-2

IEC / EN 60332-3

IEC / EN 61034

EN 50267

### CERTIFICATES, APPROVALS

KEMA-KEUR



The cable does not contain any substances on the REACH/SVHC -list.

All substances of the cable meet the requirements of RoHS directive.

### CUSTOMS CODE

8544 49 91

# Control cables

## MMO-HF 0,6/1 kV

### PROPERTIES

PRODUCT NAME		MMO-HF 7x1,5 S	MMO-HF 12x1,5 S	MMO-HF 24x1,5 S	MMO-HF 7x2,5 S	MMO-HF 12x2,5 S	MMO-HF 24x2,5 S
STK-code		0406202	0406203	0406204	0406205	0406206	0406207
<b>CONSTRUCTION DATA (1)</b>							
Diameter over cable	mm	13	16	21	14	17	23
Weight	kg/km	250	350	600	330	460	830
<b>DELIVERY DATA</b>							
Standard delivery length	m	500	500	500	500	500	500
<b>MECHANICAL DATA (2)</b>							
Minimum permissible bending radius during laying	mm	160	195	255	170	205	280
Minimum permissible bending radius at final installation (3)	mm	105	130	170	115	140	185
<b>ELECTRICAL DATA (2)</b>							
Maximum DC resistance, conductor 20°C	Ω/km	12,1	12,1	12,1	7,41	7,41	7,41
Capacitance at 20 °C, between two adjacent conductors	nF/km	alle 150			alle 160		
<b>CURRENT RATINGS (2) (4)</b>							
Reference installation type E, e.g. in free air	A	13	11	8	16	13	10

(1) Approximate value.

(2) See the basic assumptions at general information of products.

(3) Final installation with careful single bending into final position.

(4) Other installation types, see SFS 6000-5.