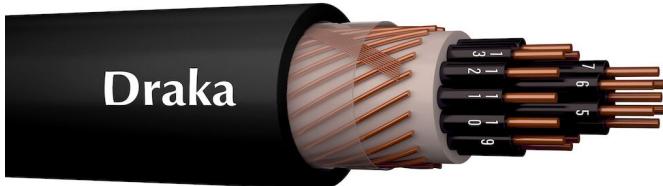


MCMO 450/750 V

Screen-protected control cable



GENERAL INFO

APPLICATION

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

RATED VOLTAGE

Declaration of Performance (DoP)

Uo/U = 450/750 V

1000920

STANDARDS AND CERTIFICATIONS



SFS 3713

EN 50575:2014+A1:2016

EN 13501-6, class Eca

IEC 60332-1

hEN CPR cables

CPR fire class, Eca

Flame retardant

CABLE DESIGN

Conductor

Copper

Insulation

Polyvinyl chloride (PVC)

Filling sheath

Polyvinyl chloride (PVC)

Outer sheath

Polyvinyl chloride (PVC)

APPLICATION PROPERTIES

Max. conductor temperature [°C]

70

Max. conductor temperature at short circuit [°C]

160

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

-15

Minimum permissible bending radius during laying

10x OD

FIRE PROPERTIES

Reaction-to-fire, CPR classification

Eca

Flame retardant

In accordance with EN 13501-6

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This specification is not contractually valid unless specifically authorised by Prysmian.

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0601901	MCMO 7x1,5 K8/500 Eca	6410006019014	Drum	500
0601921	MCMO 7x2,5 K8/500 Eca	6410006019212	Drum	500
0601902	MCMO 12x1,5 K8/400 Eca	6410006019021	Drum	400
0601922	MCMO 12x2,5 K11/500 Eca	6410006019229	Drum	500
0601903	MCMO 19x1,5 K11/500 Eca	6410006019038	Drum	500
0601923	MCMO 19x2,5 K11/500 Eca	6410006019236	Drum	500
0601904	MCMO 27X1,5 K11/500 Eca	6410006019045	Drum	500
0601924	MCMO 27X2,5 K12/500 Eca	6410006019243	Drum	500
0601905	MCMO 37x1,5 K11/400 Eca	6410006019052	Drum	400

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Max. DC resistance, conductor (20°C) [ohm/km]	Current rating, ref. install. type E [A]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
MCMO 7X1,5 750V Eca	15	12.1	13	310	180
MCMO 7X2,5 750V Eca	17	7.41	16	450	210
MCMO 12X1,5 750V Eca	19	12.1	11	480	230
MCMO 12X2,5 750V Eca	22	7.41	13	670	270
MCMO 19X1,5 750V Eca	21	12.1	9	650	260
MCMO 19X2,5 750V Eca	25	7.41	11	930	300
MCMO 27X1,5 750V Eca	25	12.1	8	860	300
MCMO 27X2,5 750V Eca	29	7.41	10	1,300	350
MCMO 37X1,5 750V Eca	28	12.1	7	1,200	340

Current rating: installation method E (in free air, +25°C), conductor max. operation temp.