

MOTION CONNECT 500

Article No. : 6FX5002-5CR73-1FA0

«I2_MC_Artikel_Nr»



Figure similar
«I2_MC_Abbildung»

Client order no. : «I2_SD_Label_KAUFTRAGNR»	«I2_LZ»	Item no. : «I2_SD_Label_ITEMNR»	«I2_LZ»
Order no. : «I2_SD_Label_SAUFRAGNR»	«I2_LZ»	Consignment no. : «I2_SD_Label_KOMMISSIONSNR»	«I2_LZ»
Offer no. : «I2_SD_Label_ANGEBOT»	«I2_LZ»	Project : «I2_SD_Label_PROJEKT»	«I2_LZ»
Remarks : «I2_SD_Label_BEMERKUNG»	«I2_LZ»		

Electrical data

«I2_electricdata»

No. of cores x cross-section mm ² «I2_MC_Anzahl_Adern_Querschnitt»	4x35 C
Test voltage, rms Power conductors «I2_MC_Pruefspannung_Versorgungsadern_Eff»	4.0 kV
Test voltage, rms Signal conductors «I2_MC_Label_Anschluss_Haltebremse»	2.0 kV
Type with braking lead «I2_MC_Label_Anschluss_Haltebremse»	No «I2_PMD_ABY153»
Rated voltage V0/V according to EN 50395 «I2_MC_Label_Anschluss_Haltebremse»	600 V/1000 V

Mechanical data

«I2_mechanicalData»

Type of connection cable engine side «I2_MC_Minimaler_Biegeradius_fester_Verle»	Open end of lead «I2_PMD_ABY153»
Connector size «I2_PMD_ABY155_001_000»	not relevant «I2_PMD_ABY155»
Type of bolting «I2_MC_Anzahl_Biegungen_max»	M50 «I2_PMD_ABY155»
Type of connection cable converter side «I2_PMD_ACB333_001_000»	Open end of lead «I2_PMD_ABY155»
Maximum cable outer diameter «I2_PMD_ACB334_001_000»	31.5 mm
Length «I2_MC_Torsionsbelastung»	50.0 m
Weight (without connector) «I2_ENC_anschlussstyp»	96.5 kg
Static deployment «I2_ENC_anschlussstyp»	
Smallest bending radius (fixed installation) «I2_ENC_anschlussstyp»	78.8 mm
Tensile load for permanently installed cable, max. «I2_ENC_anschlussstyp»	50 N/mm ² (7252 lbf/in ²)
Torsional stress «I2_ENC_anschlussstyp»	Absolute 30°/m «I2_PMD_ABY153»
Dynamic deployment «I2_ENC_anschlussstyp»	
Smallest bending radius(flexible installation in a cable carriers) «I2_ENC_anschlussstyp»	570.0 mm
Acceleration horizontal, max «I2_ENC_anschlussstyp»	2.0 m/s ²
Maximum traversing velocity «I2_ENC_anschlussstyp»	30.0 m/min
Travel path «I2_ENC_anschlussstyp»	5 m
Number of bends, max. «I2_ENC_anschlussstyp»	100,000
Tensile load for moving cable, max. «I2_ENC_anschlussstyp»	20 N/mm ² (2901 lbf/in ²)

MOTION CONNECT 500

Article No. : 6FX5002-5CR73-1FA0

«I2_MC_Artikel_Nr»

Technical data

«I2_technicaldata»

Ambient temperature

«I2_h_umgebung_umgebungtemp»

Operation with permanently installed cable

«I2_MC_Betrieb_feste_Leitung»

-20.0 ... 80.0 °C

Module-end power connector 0 ... 55°C

«I2_PMD_ABY148»

Operation with moving cable

«I2_MC_Betrieb_feste_Leitung»

0.0 ... 60.0 °C

Module-end power connector 0 ... 55°C

«I2_PMD_ABY148»

Storage

«I2_MC_Betrieb_feste_Leitung»

-20.0 ... 80.0 °C

Module-end power connector -20 ... 70°C

«I2_PMD_ABY148»

Kind of connection cable

«I2_MC_Art_Leitung»

Basis cable

«I2_PMD_ABY148»

Material of the cable sheath

«I2_MC_Material_Kabelmantel»

PVC DESINA color orange RAL 2003

«I2_PMD_AAC618»

Type of insulation

«I2_MC_Art_Isolierung»

CFC/silicone-free

«I2_UI_AAB047»

Standard for behavior in fire: flame resistance

«I2_MC_Norm_Brandverhalten_Flammwidrigkei»

EN 60332-1-1 to 1-3

«I2_PMD_ABT887»

Oil resistance

«I2_MC_Oelbestaendigkeit_Kabel»

EN 60811-2-1 (mineral oil only)

«I2_PMD_ACB330»

Verification of suitability as authorisation for USA

«I2_MC_Eignungsnachweis_CE»

UL758

Verification of suitability as authorisation for Canada

«I2_MC_Eignungsnachweis_UL»

CSA-C22.2-N.210.2-M90

MOTION CONNECT 500

MLFB-Ordering data

6FX5002-5CR73-1FA0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data

No. of cores x cross-section mm ²	4x35 C
Test voltage, rms Power conductors	4.0 kV
Test voltage, rms Signal conductors	2.0 kV
Type with braking lead	No
Rated voltage V0/V according to EN 50395	600 V/1000 V

Mechanical data

Type of connection cable engine side	Open end of lead
Connector size	not relevant
Type of bolting	M50
Type of connection cable converter side	Open end of lead
Maximum cable outer diameter	31.5 mm
Length	50.0 m
Weight (without connector)	96.5 kg

Static deployment

Smallest bending radius (fixed installation)	78.8 mm
Tensile load for permanently installed cable, max.	50 N/mm ² (7252 lbf/in ²)
Torsional stress	Absolute 30°/m

Dynamic deployment

Smallest bending radius(flexible installation in a cable carriers)	570.0 mm
Acceleration horizontal, max	2 m/s ²
Maximum traversing velocity	30 m/min
Travel path	5 m
Number of bends, max.	100,000
Tensile load for moving cable, max.	20 N/mm ² (2901 lbf/in ²)

MLFB-Ordering data

6FX5002-5CR73-1FA0



Figure similar

Technical data

Ambient temperature

Operation with permanently installed cable	-20 ... 80 °C
	Module-end power connector 0 ... 55°C
Operation with moving cable	0 ... 60 °C
	Module-end power connector 0 ... 55°C
Storage	-20 ... 80 °C
	Module-end power connector -20 ... 70°C
Kind of connection cable	Basis cable
Material of the cable sheath	PVC DESINA color orange RAL 2003
Type of insulation	CFC/silicone-free
Standard for behavior in fire: flame resistance	EN 60332-1-1 to 1-3
Oil resistance	EN 60811-2-1 (mineral oil only)
Verification of suitability as authorisation for USA	UL758
Verification of suitability as authorisation for Canada	CSA-C22.2-N.210.2-M90