SIEMENS

MOTION CONNECT 500



Figure similar
«I2_MC_Abbildung»

Article No. : **6FX5002-5DN36-1BF0**
«I2_MC_Artikel_Nr»

Client order no. : «I2_SD_label_KAUFTRAGNR»	«I2_LZ»	Item no. : «I2_SD_label_ITEMNR»	«I2_LZ»
Order no. : «I2_SD_label_SAUFTRAGNR»	«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 mm² «I2_MC_Anzahl_Adern_Querschnitt»	4x2.5 + 2x1.5C 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»	Yes «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»	Conector SPEED-CONNECT «I2_PMD_ABY153»
Connector size «I2_PMD_ABY155_001_000»	1.5 / M40 «I2_PMD_ABY155»
Type of bolting «I2_MC_Anzahl_Biegungen_max»	not relevant «I2_PMD_ABY155»
Type of connection cable converter side «I2_PMD_ACB333_001_000»	Connector for SINAMICS S120 Booksize MoMo, C/D types «I2_PMD_ABY155»
Maximum cable outer diameter «I2_PMD_ACB334_001_000»	12.4 mm
Length «I2_MC_Torsionsbelastung»	15.0 m
Weight (without connector) «I2_ENC_anschlusstyp»	3.8 kg
Static deployment «I2_ENC_anschlusstyp»	
Smallest bending radius (fixed installation) «I2_ENC_anschlusstyp»	31.0 mm
Tensile load for permanently installed cable, max. «I2_ENC_anschlusstyp»	50 N/mm² (7252 lbf/in²)
Torsional stress «I2_ENC_anschlusstyp»	Absolute 30°/m «I2_PMD_ABY153»
Dynamic deployment «I2_ENC_anschlusstyp»	
Smallest bending radius(flexible installation in a cable carriers) «I2_ENC_anschlusstyp»	225.0 mm
Acceleration horizontal, max «I2_ENC_anschlusstyp»	2.0 m/s²
Maximum traversing velocity «I2_ENC_anschlusstyp»	30.0 m/min
Travel path «I2_ENC_anschlusstyp»	5 m
Number of bends, max. «I2_ENC_anschlusstyp»	100,000
Tensile load for moving cable, max. «I2_ENC_anschlusstyp»	20 N/mm² (2901 lbf/in²)

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Article No. : **6FX5002-5DN36-1BF0**
«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

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Figure similar

MLFB-Ordering data **6FX5002-5DN36-1BF0**

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Electrical data	
No. of cores x cross-section mm²	4x2.5 + 2x1.5C C
Test voltage, rms Power conductors	4.0 kV
Test voltage, rms Signal conductors	2.0 kV
Type with braking lead	Yes
Rated voltage V0/V according to EN 50395	600 V/1000 V

Mechanical data	
Type of connection cable engine side	Conector SPEED-CONNECT
Connector size	1.5 / M40
Type of bolting	not relevant
Type of connection cable converter side	Connector for SINAMICS S120 Booksize MoMo, C/D types
Maximum cable outer diameter	12.4 mm
Length	15.0 m
Weight (without connector)	3.8 kg

Static deployment

Smallest bending radius (fixed installation)	31.0 mm
Tensile load for permanently installed cable, max.	50 N/mm² (7252 lbf/in²)
Torsional stress	Absolute 30°/m

Dynamic deployment

Smallest bending radius(flexible installation in a cable carriers)	225.0 mm
Acceleration horizontal, max	2 m/s²
Maximum traversing velocity	30 m/min
Travel path	5 m
Number of bends, max.	100,000
Tensile load for moving cable, max.	20 N/mm² (2901 lbf/in²)

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Figure similar

MLFB-Ordering data **6FX5002-5DN36-1BF0**

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