

## MOTION CONNECT 500

Article No. : 6FX5002-5CS14-1BE0

«I2\_MC\_Artikel\_Nr»



Figure similar  
«I2\_MC\_Abbildung»

Client order no. :

«I2\_SD\_label\_KAUFTRAGNR»

«I2\_LZ»

Order no. :

«I2\_SD\_label\_SAUFRAGNR»

«I2\_LZ»

Offer no. :

«I2\_SD\_label\_ANGEBOT»

«I2\_LZ»

Remarks :

«I2\_SD\_label\_BEMERKUNG»

«I2\_LZ»

Item no. :

«I2\_SD\_label\_ITEMNR»

«I2\_LZ»

Consignment no. :

«I2\_SD\_label\_KOMMISSIONSNR»

«I2\_LZ»

Project :

«I2\_SD\_label\_PROJEKT»

«I2\_LZ»

### Electrical data

«I2\_electricdata»

No. of cores x cross-section mm<sup>2</sup>

«I2\_MC\_Anzahl\_Adern\_Querschnitt»

4x10 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»

Connector full thread

«I2\_PMD\_ABY153»

Connector size

«I2\_PMD\_ABY155\_001\_000»

3 / M58

«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»

Ring cable lug

«I2\_PMD\_ABY155»

Maximum cable outer diameter

«I2\_PMD\_ACB334\_001\_000»

20.0 mm

Length

«I2\_MC\_Torsionsbelastung»

14.0 m

Weight (without connector)

«I2\_ENC\_anschlussstyp»

10.2 kg

#### Static deployment

«I2\_ENC\_anschlussstyp»

Smallest bending radius (fixed installation)

«I2\_ENC\_anschlussstyp»

50.0 mm

Tensile load for permanently installed cable, max.

«I2\_ENC\_anschlussstyp»

50 N/mm<sup>2</sup> (7252 lbf/in<sup>2</sup>)

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»

360.0 mm

Acceleration horizontal, max

«I2\_ENC\_anschlussstyp»

2.0 m/s<sup>2</sup>

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<sup>2</sup> (2901 lbf/in<sup>2</sup>)

## MOTION CONNECT 500

Article No. : 6FX5002-5CS14-1BE0

«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

# TURLL

YOUR GLOBAL AUTOMATION PARTNER

## 6FX5002-5CS14-1BE0-PRE

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

sales@turl.com | +852 6339 7344