

Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3502-7DD01-1BA0



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

No. of cores x cross-section mm² 4 x 0.75 + 2 x 0.38 / 3 x 2 x 0.25

Test voltage, rms Power conductors Power: 4.0 kV Encoder: 500V Brake: 2.0 kV

Holding brake Yes

Rated voltage U0/U in accordance with EN 50395 Power conductors 1000 V/30 V/1000 V

Mechanical data

Smallest bending radius (fixed installation) 4 x Cable outer diameter

Smallest bending radius (flexible installation) 7.5 x Cable outer diameter

Number of bends, max. 1,000,000

Tensile stress, max. Fixed installation 50 N/mm² (7252 lbf/in²)

Tensile stress, max. Flexible installation 20 N/mm² (2901 lbf/in²)

Torsional stress Absolute 30°/m

Connection type Hybrid connector (Cable outlet DE)

Length 10.0 m

Weight (without connector) 1.1 kg

Technical data

Ambient temperature

Operation with permanently installed cable -20 ... 80.0 °C

Kind of connection cable Dual cable connection

Material of the cable sheath PVC

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, CE marking Yes

Verification of suitability, UL approval Yes

Verification of suitability, RoHS conformity Yes