



Figure similar

## Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3802-7DD01-1DA0

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

Item no. :  
Consignment no. :  
Project :

### Electrical data

|   |   |
|---|---|
| No. of cores x cross-section mm <sup>2</sup>                    | 4 x 0.75 + 2 x 0.38 / 2 x 2 x 0.25 + 2 x 0.38 |
| 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.                           | 5,000,000  |
| Tensile stress, max. Fixed installation         | 50 N/mm <sup>2</sup> (7252 lbf/in <sup>2</sup> ) |
| Tensile stress, max. Flexible installation      | 20 N/mm <sup>2</sup> (2901 lbf/in <sup>2</sup> ) |
| Torsional stress                                | Absolute 30°/m                                   |
| Connection type                                 | Hybrid connector (Cable outlet DE)               |
| Length  | 30.0 m   |
| Weight (without connector)                      | 3.2 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                    | PUR                             |
| 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                             |