SIEMENS

# Data sheet for MOTION CONNECT 350 / 380

## Article No. : 6FX3802-5DK32-1BF0



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 |
| Test voltage, rms Power conductors | Power: 4.0 kV Brake: 2.0 kV |
| Holding brake | Yes |
| Rated voltage U0/U in accordance with EN 50395 Power conductors | 1000 V/1000 V |

| Mechanical data | |
|---|---|
| Smallest bending radius (fixed installation) | 4 × Cable outer diameter |
| Smallest bending radius (flexible installation) | 7.5 × Cable outer diameter |
| Number of bends, max. | 5,000,000 |
| 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 | Circular connector (cable outlet direction rotatable in fixed increments) |
| Length | 15.0 m |
| Weight (without connector) | 1.6 kg |

| Technical data | |
|---|---|
| **Ambient temperature** | |
| Operation with permanently installed cable | -20 ... 80.0 °C |
| Kind of connection cable | Power cable |
| 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 |