

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-5BK02-1CA0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data

| | |
|--|-----------|
| No. of cores x cross-section mm ² | 2 x 0.75 |
| Test voltage, rms Power conductors | 500 V |
| Rated voltage U ₀ /U in accordance with EN 50395 Power conductors | 30 V/30 V |

Mechanical data

| | |
|---|---|
| Smallest bending radius (fixed installation) | 6 x diameter |
| Smallest bending radius (flexible installation) | 155mm |
| Number of bends, max. | 100,000 |
| Tensile stress, max. Fixed installation | 50 N/mm ² |
| Tensile stress, max. Flexible installation | 20 N/mm ² |
| Torsional stress | Absolute 30°/m |
| Connection type | Straight connector (fixed cable outlet direction) |
| Length | 20.0 m |



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Technical data

Ambient temperature

Operation with permanently installed cable -25 ... 80 °C

Kind of connection cable Brake cable

Material of the cable sheath PVC

Type of insulation PVC

Degree of protection IP20

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 No

Verification of suitability, UL approval No

Verification of suitability, RoHS conformity Yes