



Figure similar

## MOTION CONNECT 300

**MLFB-Ordering data**

**6FX3002-5CL02-1AD0**

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 1.5
Test voltage, rms Power conductors	4000 V
Rated voltage U <sub>0</sub> /U in accordance with EN 50395 Power conductors	600 V/1000 V

### Mechanical data

Smallest bending radius (fixed installation)	6 x diameter
Smallest bending radius (flexible installation)	155mm
Number of bends, max.	1,000,000
Tensile stress, max. Fixed installation	50 N/mm <sup>2</sup>
Tensile stress, max. Flexible installation	20 N/mm <sup>2</sup>
Torsional stress	Absolute 30°/m
Connection type	Straight connector (fixed cable outlet direction)
Length	3.0 m



Figure similar

MLFB-Ordering data

6FX3002-5CL02-1AD0

## Technical data

### Ambient temperature

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

Kind of connection cable Power cable

Material of the cable sheath PVC

Type of insulation PVC

Degree of protection IP65

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