



Figure similar

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-5CL12-1BA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data

No. of cores x cross-section mm ²	4 x 2.5
Test voltage, rms Power conductors	4000 V
Rated voltage U ₀ /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 ²
Tensile stress, max. Flexible installation	20 N/mm ²
Torsional stress	Absolute 30°/m
Connection type	Straight connector (fixed cable outlet direction)
Length	10.0 m



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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