

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-5CK32-1AF0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Electrical data

No. of cores x cross-section mm ²	4 x 2.5
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Test voltage, rms Power conductors	4000 V
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Rated voltage U0/U in accordance with EN 50395 Power conductors	600 V/1000 V
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Mechanical data

Smallest bending radius (fixed installation)	6 x diameter
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Smallest bending radius (flexible installation)	155mm
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Number of bends, max.	1,000,000
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Tensile stress, max. Fixed installation	50 N/mm ²
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Tensile stress, max. Flexible installation	20 N/mm ²
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Torsional stress	Absolute 30°/m
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Connection type	Straight connector (fixed cable outlet direction)
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Length	5.0 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