

Siemens 6FX3002-5CL01-1BF0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	Angular connector (cable outlet direction

Description

****spare part**** power cable pre-assembled 6FX3002-5CL01 4x 1.5 for motor S-1FL6 HI 400 V with V70/V90 frame AA and A
MOTION-CONNECT 300 UL/CSA Dmax=8.1 mm length=15 m

Electrical data

No. of cores x cross-section mm² 4 x 1.5

Test voltage, rms Power conductors 4,000 V

Rated voltage U0/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/mm²

Tensile stress, max. Flexible installation 20 N/mm²

Torsional stress Absolute 30°/m

Connection type

Angular connector (cable outlet direction

rotatable in fixed increments, connector

disassembly required)

Length 15.0 m

Technical data

Ambient temperature

Operation with permanently installed cable -25 ... 80.0 °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

Technical Specifications

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