

MOTION CONNECT 800PLUS



Ordering data

6FX8008-1BB41-2FC0

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Electrical data

No. of cores x cross-section mm ²	4x6 C
Test voltage, rms Power conductors	4 kV
Test voltage, rms Signal conductors	2 kV
Type with braking lead	No
Rated voltage U0/U in accordance with EN 50395 Power conductors	600 V/1000 V

Mechanical data

Type of connection cable engine side	without
Connector size	without
Type of bolting	
Type of connection cable converter side	without
Maximum cable outer diameter	14.9 mm
Smallest bending radius (fixed installation)	59.6 mm
Smallest bending radius(flexible installation in a cable carriers)	120.0 mm
Maximum number of bending cycles	10,000,000
Maximum traversing velocity	300 m/min
Acceleration horizontal, max	50 m/s ²
Tensile stress, max. Fixed installation	50 N/mm ² (7252 lbf/in ²)
Tensile stress, max. Flexible installation	20 N/mm ² (2901 lbf/in ²)
Torsional stress	Absolute 30°/m
Length	152.0 m
Weight (without connector)	62.32 kg

Technical data

Kind of connection cable	Sold by the meter
Material of the cable sheath	PUR DESINA color orange RAL 2003
Operating temperature on the surface Fixed installation	-50 °C ... 80 °C
Operating temperature on the surface Flexible installation	-20 °C ... 60 °C
Type of insulation	CFC/halogen/silicone-free
Standard for behavior in fire: flame resistance	EN 60332-1-1 to 1-3
Oil resistance	EN 60811-2-1
Verification of suitability as authorisation for USA	UL758
Verification of suitability as authorisation for Canada	CSA-C22.2-N.210.2-M90