

Double-Ended Cordsets
BCC A315-A315-30-335-PX05A5-100
Order Code: BCC06FR



Basic features

Approval/Conformity	CE cULus WEEE
---------------------	---------------------

Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 10 m, drag chain compatible
Cable diameter D	8.70 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Conductor cross-section	1.5 mm ²
Connection 1	7/8"-Female, straight, 5-pin
Connection 2	7/8"-Male, straight, 5-pin
Number of conductors	5
System	Molded/Molded

Electrical data

Cable rated voltage AC max.	600 V
Cable rated voltage DC max.	600 V
Operating voltage Ub	300 VDC / 300 VAC
Operating voltage Ub 3-phase network	277/480V AC +/- 15%
Rated current (40 °C)	10.0 A

Remarks

Cable construction acc. to UL-AWM Style 20234
Halogen-free
Silicone-free
Flame-retarding
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-20...80 °C
IP rating	IP67, IP68/IP67, IP68

Interface

Switching output	Complementary
------------------	---------------

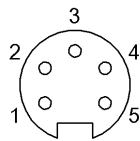
Material

Cable jacket, material	PUR
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR

Mechanical data

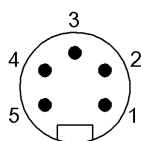
Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	10.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	20 m
Tightening torque pigtail	1.5 Nm/1.5 Nm
Traverse speed max., drag chain	300 m/min

Connector Drawings



I

- PIN 1: black
- PIN 2: blue
- PIN 3: green/yellow
- PIN 4: brown
- PIN 5: white



II

- PIN 1: black
- PIN 2: blue
- PIN 3: green/yellow
- PIN 4: brown
- PIN 5: white

Wiring Diagrams

