

Double-Ended Cordsets  
BCC A315-A315-30-330-PS85N4-300  
Order Code: BCC095W



Basic features

|                     |                     |
|---------------------|---------------------|
| Application         | DeviceNet Thick     |
| Approval/Conformity | CE<br>cULus<br>WEEE |

Electrical connection

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| Bending radius min., flexible cable | 10 x D                                         |
| Cable                               | PUR Shielded gray, 30 m, drag chain compatible |
| Cable diameter D                    | 12.19 mm ±0.38 mm                              |
| Cable, bending cycles min.          | 1 mil.                                         |
| Conductor cross-section             | 15 AWG/18 AWG                                  |
| Connection 1                        | 7/8"-Female, straight, 5-pin                   |
| Connection 2                        | 7/8"-Male, straight, 5-pin                     |
| Number of conductors                | 4                                              |
| System                              | Molded/Molded                                  |

Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Cable rated voltage AC max. | 300 V             |
| Cable rated voltage DC max. | 300 V             |
| Conductor construction      | 2x2 twisted-pair  |
| Operating voltage Ub        | 300 VDC / 300 VAC |
| Rated current (40 °C)       | 9.0 A             |
| Surge impedance             | 120 Ohm ±12 Ohm   |

Remarks

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

|                     |                       |
|---------------------|-----------------------|
| Ambient temperature | -20...80 °C           |
| IP rating           | IP67, IP68/IP67, IP68 |

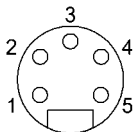
Material

|                             |                                |
|-----------------------------|--------------------------------|
| Cable jacket material, note | Shielded                       |
| Cable jacket, material      | PUR                            |
| Cable shield                | Aluminum foil and copper braid |
| Material contact carrier    | PUR/PUR                        |
| Material contacts           | Brass/Brass                    |
| Material cover nut          | Die-cast zinc/Die-cast zinc    |
| Material grip               | PUR/PUR                        |

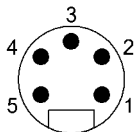
Mechanical data

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | gray                  |
| Cable length L            | 30.00 m               |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 1.5 Nm/1.5 Nm         |

Connector Drawings

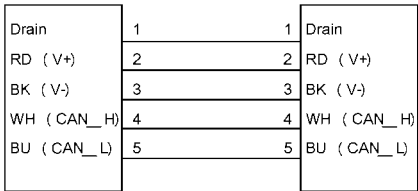


DeviceNet Output  
PIN 1: shield  
PIN 2: +24V  
PIN 3: 0V  
PIN 4: CAN H  
PIN 5: CAN L



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Wiring Diagrams



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