

## Technical data sheet

### Connection unit

Part no.: 50116464

MK 301

#### Contents

- Technical data
- Electrical connection



For illustration purposes only

## Technical data

### Basic data

|              |          |
|--------------|----------|
| Suitable for | BCL 301i |
|              | BPS 301i |

### Interface

|      |               |
|------|---------------|
| Type | MultiNet Plus |
|------|---------------|

### Connection

|                       |            |
|-----------------------|------------|
| Number of connections | 4 Piece(s) |
|-----------------------|------------|

#### Connection 1

|                    |                   |
|--------------------|-------------------|
| Function           | PWR / SW IN / OUT |
| Type of connection | Terminal          |
| No. of pins        | 5 -pin            |

#### Connection 2

|                    |               |
|--------------------|---------------|
| Function           | HOST / BUS IN |
| Type of connection | Terminal      |
| No. of pins        | 5 -pin        |

#### Connection 3

|                    |          |
|--------------------|----------|
| Function           | BUS OUT  |
| Type of connection | Terminal |
| No. of pins        | 5 -pin   |

#### Connection 4

|                    |                   |
|--------------------|-------------------|
| Function           | Service interface |
| Type of connection | USB               |

### Mechanical data

|                       |                           |
|-----------------------|---------------------------|
| Design                | Cubic                     |
| Dimension (W x H x L) | 64 mm x 83.5 mm x 43.5 mm |
| Housing material      | Metal                     |
|                       | Plastic                   |
| Metal housing         | Diecast aluminum          |
| Net weight            | 186 g                     |
| Housing color         | Black                     |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 84733080 |
| ECLASS 5.1.4          | 27280190 |
| ECLASS 8.0            | 27280190 |
| ECLASS 9.0            | 27279090 |
| ECLASS 10.0           | 27280192 |
| ECLASS 11.0           | 27280191 |
| ECLASS 12.0           | 27280191 |
| ECLASS 13.0           | 27280191 |
| ECLASS 14.0           | 27280191 |
| ECLASS 15.0           | 27280191 |
| ETIM 5.0              | EC002498 |
| ETIM 6.0              | EC003015 |
| ETIM 7.0              | EC003015 |
| ETIM 8.0              | EC003015 |
| ETIM 9.0              | EC003015 |
| ETIM 10.0             | EC003015 |

## Electrical connection

### Connection 1

|                    |                   |
|--------------------|-------------------|
| Function           | PWR / SW IN / OUT |
| Type of connection | Terminal          |
| Cable gland        | M16               |
| No. of pins        | 5 -pin            |

### Terminal

### Assignment

|   |        |
|---|--------|
| 1 | SWIO 2 |
| 2 | SWIO 1 |
| 3 | VIN    |
| 4 | GNDIN  |
| 5 | FE     |

### Connection 2

|                    |               |
|--------------------|---------------|
| Function           | HOST / BUS IN |
| Type of connection | Terminal      |
| Cable gland        | M16           |
| No. of pins        | 5 -pin        |

Electrical connection

| Terminal | Assignment |
|----------|------------|
| 1        | RS 485 A   |
| 2        | RS 485 B   |
| 3        | GND ISO    |
| 4        | n.c.       |
| 5        | n.c.       |

Connection 3

|                    |          |
|--------------------|----------|
| Function           | BUS OUT  |
| Type of connection | Terminal |
| Cable gland        | M16      |
| No. of pins        | 5 -pin   |

| Terminal | Assignment |
|----------|------------|
| 1        | RS 485 A   |
| 2        | RS 485 B   |
| 3        | GND ISO    |
| 4        | n.c.       |
| 5        | n.c.       |

Connection 4

|                    |                   |
|--------------------|-------------------|
| Function           | Service interface |
| Type of connection | USB               |
| Connector type     | USB 2.0 Mini-B    |