

## 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
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### Connection

Number of connections	4 Piece(s)
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#### 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
ECLASS 16.0	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
UNSPSC 26.08	31242100

## 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

# Electrical connection

## Connection 2

Function	HOST / BUS IN
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 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