

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
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	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