

## Technical data sheet

### Connection unit

Part no.: 50114823

MS 308

#### Contents

- Technical data
- Electrical connection
- Operation and display



For illustration purposes only

Ethernet

## Technical data

### Basic data

Suitable for	BCL 308i
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### Interface

Type	Ethernet
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#### Ethernet

### Connection

Number of connections	4 Piece(s)
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#### Connection 1

Function	PWR / SW IN / OUT
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Type of connection	Connector
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Thread size	M12
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Type	Male
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Material	Metal
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No. of pins	5 -pin
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Encoding	A-coded
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#### Connection 2

Function	Service interface
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Type of connection	USB
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Connector type	USB 2.0 Mini-B
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#### Connection 3

Function	HOST / BUS IN
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Type of connection	Connector
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Thread size	M12
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Type	Female
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Material	Metal
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No. of pins	4 -pin
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Encoding	D-coded
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#### Connection 4

Function	BUS OUT
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Type of connection	Connector
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Thread size	M12
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Type	Female
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Material	Metal
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No. of pins	4 -pin
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Encoding	D-coded
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### Mechanical data

Design	Cubic
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Dimension (W x H x L)	64 mm x 33.5 mm x 43.5 mm
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Housing material	Metal
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Metal housing	Diecast aluminum
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Net weight	70 g
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Housing color	Black
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### Operation and display

Type of display	LED
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Number of LEDs	2 Piece(s)
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### Classification

Customs tariff number	84733080
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ECLASS 5.1.4	27280190
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ECLASS 8.0	27280190
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ECLASS 9.0	27279090
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ECLASS 10.0	27280192
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ECLASS 11.0	27280191
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ECLASS 12.0	27280191
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ECLASS 13.0	27280191
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ECLASS 14.0	27280191
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ECLASS 15.0	27280191
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ECLASS 16.0	27280191
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ETIM 5.0	EC002498
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ETIM 6.0	EC003015
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ETIM 7.0	EC003015
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ETIM 8.0	EC003015
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ETIM 9.0	EC003015
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ETIM 10.0	EC003015
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## Electrical connection

### Connection 1

Function	PWR / SW IN / OUT
----------	-------------------

Type of connection	Connector
--------------------	-----------

Thread size	M12
-------------	-----

Type	Male
------	------

Material	Metal
----------	-------

No. of pins	5 -pin
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Encoding	A-coded
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## Electrical connection

### Pin Pin assignment

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

### Connection 2

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

### Connection 3

Function	HOST / BUS IN
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	4 -pin
Encoding	D-coded

### Pin Pin assignment

1	TD+
2	RD+
3	TD-
4	RD-

### Connection 4

Function	BUS OUT
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	4 -pin
Encoding	D-coded

### Pin Pin assignment

1	TD+
2	RD+
3	TD-
4	RD-

## Operation and display

LED	Display	Meaning
1	Green, continuous light	Ethernet
	Yellow, flashing	Data transmission active
2	Green, continuous light	Ethernet
	Yellow, flashing	Data transmission active