



**Part no.: 50134928**  
**ME 338 214**  
**Connection unit**

Figure can vary

## Contents

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## Technical data

### Basic data

Suitable for	BCL 338i
Suitable for interface	EtherCAT

### Connection

Number of connections	5 Piece(s)
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#### Connection 1

Type of connection	Cable with connector
Function	PWR / SW IN/OUT
Cable length	600 mm
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

#### Connection 2

Type of connection	USB
Function	Service interface

#### Connection 3

Type of connection	Cable with RJ45 socket
Function	HOST / BUS IN
Cable length	400 mm
No. of pins	8 -pin

#### Connection 4

Type of connection	Cable with RJ45 socket
Function	BUS OUT
Cable length	500 mm
No. of pins	8 -pin

#### Connection 5

Type of connection	Cable with connector
Function	Signal OUT
Thread size	M8
Type	Female
Material	Metal
No. of pins	4 -pin
Encoding	A-coded

### Mechanical data

Design	Cubic
Dimension (W x H x L)	64 mm x 33.5 mm x 43.5 mm
Housing material	Metal
Net weight	70 g
Housing color	Red, RAL 3000

### Operation and display

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

### Classification

Customs tariff number	84733080
eCl@ss 8.0	27279290
eCl@ss 9.0	27279090
ETIM 5.0	EC002498
ETIM 6.0	EC002498

## Electrical connection

Connection 1	
Type of connection	Cable with connector
Function	PWR / SW IN/OUT
Cable length	600 mm
Sheathing material	
Cable color	Black
Wire cross section	0.34 mm <sup>2</sup>
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

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

Connection 2	
Type of connection	USB
Function	Service interface
Connector type	USB 2.0 Mini-B

Connection 3	
Type of connection	Cable with RJ45 socket
Function	HOST / BUS IN
Cable length	400 mm

Pin	Pin assignment
1	TD+
2	RD+
3	TD-
4	n.c.
5	RD-

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Pin	Pin assignment
6	n.c.
7	n.c.
8	n.c.

Connection 4	
Type of connection	Cable with RJ45 socket
Function	BUS OUT
Cable length	500 mm

Pin	Pin assignment
1	TD+
2	RD+
3	TD-
4	n.c.
5	n.c.
6	RD-
7	n.c.
8	n.c.

Connection 5	
Type of connection	Cable with connector
Function	Signal OUT
Thread size	M8
Type	Female
Material	Metal
No. of pins	4 -pin
Encoding	A-coded
Wire cross section	0.34
Cable color	Black
Cable length	300
Sheathing material	PUR

Pin	Pin assignment
1	V+
2	n.c.
3	GND
4	SW OUT

## Operation and display

### LEDs

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

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