

Technical data sheet

Modular connection unit

Part no.: 50114369
MA 100

Contents

- Technical data
- Electrical connection
- Accessories



Figure can vary



Technical data

Basic data

Series	MA 100
Suitable for	BCL 300i BCL 301i

Interface

Type	RS 232, RS 485
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Connection

Number of connections	1 Piece(s)
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Connection 1

Function	BUS IN BUS OUT Connection to device Data interface PWR / SW IN / OUT Voltage supply
Type of connection	Terminal
No. of pins	19 -pin

Mechanical data

Dimension (W x H x L)	128.8 mm x 47.4 mm x 181 mm
Housing material	Plastic
Net weight	380 g

Certifications

Degree of protection	IP 54
Certifications	c UL US

Classification

Customs tariff number	84733080
eCl@ss 5.1.4	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27069190
eCl@ss 10.0	27069190
eCl@ss 11.0	27069090
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

Electrical connection

Connection 1

Function	BUS IN BUS OUT Connection to device Data interface PWR / SW IN / OUT Voltage supply
Type of connection	Terminal
No. of pins	19 -pin

Pin Pin assignment

1	FE
2	FE
3	GNDIN
4	GNDIN
5	VIN
6	VIN
7	GNDIN
8	SWIN 1
9	VIN
10	GNDIN
11	SWOUT 1
12	CTS / RX+

Electrical connection

Pin	Pin assignment
13	RxD/RX-
14	GND ISO
15	RS 485B/TXD/TX-
16	RS 485A/RTS/TX+
17	GND ISO
18	RS 485 B
19	RS 485 A

Accessories

Connection technology - Adapters

Part no.	Designation	Article	Description
50110240	KB 500-3000-Y	Adapter cable	Suitable for interface: RS 485 Cable length: 3,000 mm

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.