

Technical data sheet

Modular connection unit

Part no.: 50114369
MA 100

Contents

- Technical data
- Electrical connection
- Accessories



For illustration purposes only



Technical data

Basic data

Series	MA 100
Suitable for	BCL 300i BCL 301i

Electrical data

Performance data

Supply voltage U_B	18 ... 30 V, DC
----------------------	-----------------

Interface

Type	RS 232, RS 485
------	----------------

Connection

Number of connections	1 Piece(s)
-----------------------	------------

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

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

Certifications

Degree of protection	IP 54
Protection class	III
Approvals	c UL US

Classification

Customs tariff number	84733080
ECLASS 5.1.4	27379201
ECLASS 8.0	27379201
ECLASS 9.0	27069190
ECLASS 10.0	27069190
ECLASS 11.0	27069090
ECLASS 12.0	27069090
ECLASS 13.0	27069090
ECLASS 14.0	27069090
ECLASS 15.0	27069090
ECLASS 16.0	27069090
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855
ETIM 10.0	EC001855
UNSPSC 26.08	26121600

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

Terminal

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

Electrical connection

Terminal	Assignment
12	CTS / RX+
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.