



Part no.: 50030838
MA 31 130
Connection unit



Figure can vary

Contents

- Technical data
- Electrical connection
- Operation and display

Part no.: 50030838 – MA 31 130 – Connection unit

Technical data

Basic data

Series MA 31

Electrical data

Performance data

Supply voltage U_B 18 ... 36 V , DC

Interface

Type RS 422 , RS 485

Connection

Number of connections 1 Piece(s)

Connection 1

Type of connection Terminal

Function Connection to device
Data interface
Voltage supply

No. of pins 25 -pin

Connection 2

Type of connection Sub-D

Function Service interface

No. of pins 9 -pin

Mechanical data

Dimension (W x H x L) 120 mm x 55 mm x 180 mm

Housing material Metal

Net weight 640 g

Environmental data

Ambient temperature, operation 0 ... 50 °C

Ambient temperature, storage -20 ... 60 °C

Relative humidity (non-condensing) 5 ... 90 %

Certifications

Degree of protection IP 65

Classification

Customs tariff number 84733080

eCl@ss 8.0 27069190

eCl@ss 9.0 27069190

ETIM 5.0 EC001578

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Electrical connection

Connection 1	
Type of connection	Terminal
Function	Connection to device Data interface Voltage supply
Type of terminal	
Cable gland	PG9
No. of pins	25 -pin

Connection 2	
Type of connection	Sub-D
Function	Service interface
Type	Male
No. of pins	9 -pin

Pin	Pin assignment
1	n.c.
2	RxD Service
3	TXD service
4	n.c.
5	RS 232 GND
6	n.c.
7	n.c.
8	n.c.
9	n.c.

Operation and display

LEDs

LED	Display	Meaning
1	Green, continuous light	BUS OK
	Green, flashing	Bus error
2	Green, flashing	Data transmission active
	Off	None.
3	Green, continuous light	Operational readiness
	Green, flashing	Device ok, initialization phase
4	Yellow, flashing	None.
	Yellow, continuous light	Device error
5	Red, continuous light	Trigger
	Off	None.
6	Green, flashing	Switching output/switching state
	Off	None.