Basic Modules RM 211 / RM 212 / RM 213

PMA

Safety Instructions

ESD !	**Connections**	**Maintenance / Repair**
• contains electro-statically sensitive components • Original packing protects against electrostatic discharge (ESD) • Transporting only in the original packing • during mounting rules for protection against ESD must be followed	• Wiring must be conform to local stan-dards (e.g. VDE 0100 in Germany) ! • Input leads must be kept separate from signal and mains leads ! • The protective earth must be con-nected to the relevant terminal (in the instrument carrier) ! • The cable screening must be con-nected to the terminal for grounded measurement ! • Usage of twisted and screened input leads prevent stray electric interference ! • Connections must be made accor-ding to the connecting diagrams !	Instrument needs no particular maintenance. ⚠ When opening the instrument live parts or terminals can be exposed. Before carrying out the instrument must be disconnected from all voltage sources. The instrument contains electrostatically sensitive components. The following work may be carried out only by trained, authorized persons. **Fuse tripped**: • Cause must be determined and removed ! • Only fuses of the same type and current rating as the original fuse must be used. • Using repaired fuses or short-circuiting the fuse socket is inadmissible !

Mounting on DIN-Rail

The basic modules are intended for DIN-rail mounting according to EN 50022. The mounting is carried out by locking the metal ledge (**A**) on the back side below. For dismantling a basic module the metal ledge (**A**) must be released.

Installation / Removal the Modules

Module installation into a basic module: Slide in the module at the respective place. Listen to the 'click' for proper enganging.

The installation of the modules **RM 201** or **RM 202** (fieldbus coupler) always must be placed at the absolutely left position. All other modules can be installed at any position.
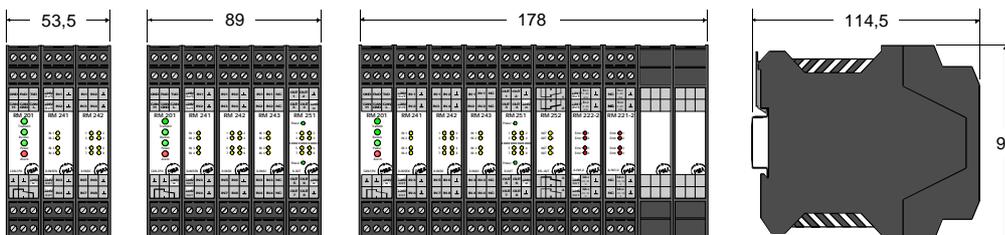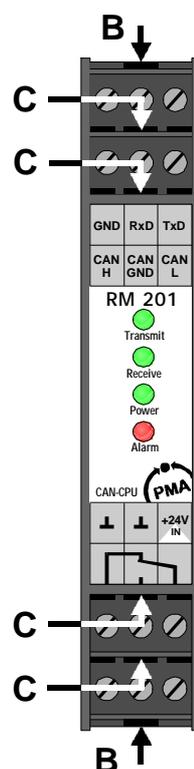
For removing: Release the two ledges (**B**) and pull out the module.

To keep the specified protection degree (IP20) emty slots must be protected by slot covers RM 214.

Screw-/ Plug-in-Terminals

The screw-/plug-in-terminals can be plugged in from above or below into the module housing (audible locking). Removing the screw-/plug-in-terminals takes place by levering out at position (**C**), e.g. with a screwdriver.

Due to contact-voltage proof not connected terminals should remain in the respective places.

top

RM 212

A   **A**

B

C

C

GND	RxD	TxD
CAN H	CAN GND	CAN L

RM 201

Transmit
Receive
Power
Alarm

CAN-CPU **PMA**

⊥ ⊥ +24V IN

C

C

B

RM 211
9407-738-21101

RM 212
9407-738-21201

RM 213
9407-738-21301

side view

slot cover
RM 214
9407-738-21401

53,5

89

178

114,5

99

Subject to technical alterations!