

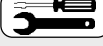



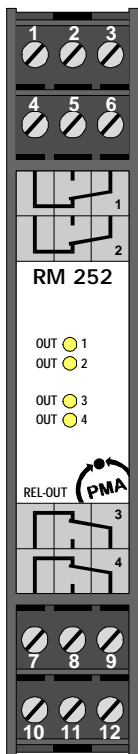


Relay Module RM 252

Safety Instructions


 ESD ! <ul style="list-style-type: none"> contains electrostatically 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 	 Connections <ul style="list-style-type: none"> Wiring must conform to local standards (e.g. VDE 0100 in Germany) ! Input leads must be kept separate from signal and mains leads ! The protective earth must be connected to the relevant terminal (in the instrument carrier) ! The cable screening must be connected to the terminal for grounded measurement ! Usage of twisted and screened input leads prevent stray electric interference ! Connections must be made according to the connecting diagrams ! 	 Maintenance / Repair <p>Instrument needs no particular maintenance.</p>  <p>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.</p> <p>Fuse tripped:</p> <ul style="list-style-type: none"> 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 !
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Pin Assignment



Pin	Assignment
1	Relay 1
2	
3	
4	Relay 2
5	
6	
7	Relay 3
8	
9	
10	Relay 4
11	
12	
Art.-No.	9407-738-25201

Technical Data RM 252

Application:	4-change-over-contacts for AC- and DC-signals
Power supply:	The module is supplied with the necessary voltages via the bus board.
Power consumption:	max. 2600 mW (all channels on)
Contact rating:	<ul style="list-style-type: none">● AC-signals: Pmax. = 1250 W, Umax. = 250 V, Imax. = 5 A● DC-signals: Pmax. = 120 W, Umax. = 120 V, Imax. = 5 A
Protective measures:	external protective network necessary
Cycle times:	The maximum cycle time for description of the 4 outputs is 10 ms.
LED displays:	Each of the 4 outputs has a yellow LED to display the output status.
Galvanic isolation:	The logic part is galvanic isolated from the output area of the module. Additional the outputs are isolated from each other. (Testing voltage 2 kV DC, isolation voltage 500 V DC).
Ambient temperature:	<ul style="list-style-type: none">● Operation temperature: 0 ... +50 °C● Storage temperature: -20 ... +70 °C
Humidity:	≤ 75% rel. humidity, no condensation
Shock sensitivity:	DIN 40046 IEC68-2-69
EMC:	<ul style="list-style-type: none">● DIN EN 50081, Part 2● DIN EN 50082, Part 2 
Electrical connections:	screw-/plug-in-terminals, line cross-section max. 2.5 mm ²
Class of protection:	IP 20
Dimensions:	99 x 17.5 x 114.5 mm (h x w x d)
Weight:	94 g
Housing:	Material: Polyamid PA 6.6, combustibility class V0 according to UL 94
Assembly:	plugged-in and locked in from the front of the base module
Usage position:	vertical

Subject to technical alterations!