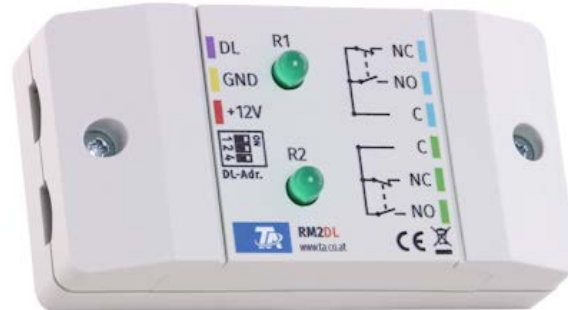




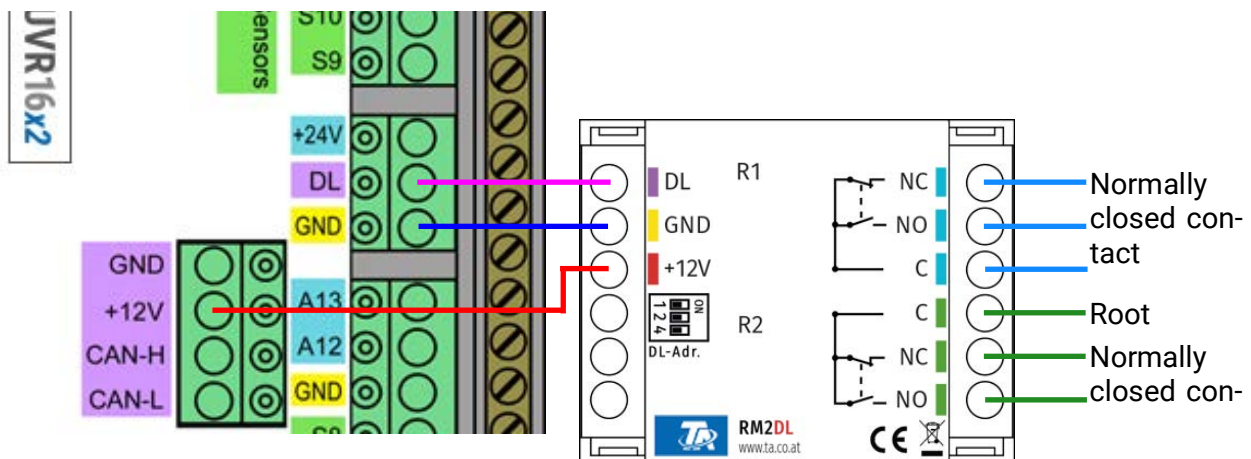
Relay module



The **RM2-DL** switches 2 potential-free relays via DL bus. A 12 V supply (e.g. from the CAN bus) is also required. The relays have a maximum breaking capacity of 5 A.

Each relay has an LED on the module, which lights up when the corresponding relay is switched (**normally open** contact).

Electrical connection



DL address

The RM2-DL has a default address of 1. This address can be changed using the DIP switches in the device. The final address is made up of the default 1 and the sum of the DIP switches that are set to "ON".

Example

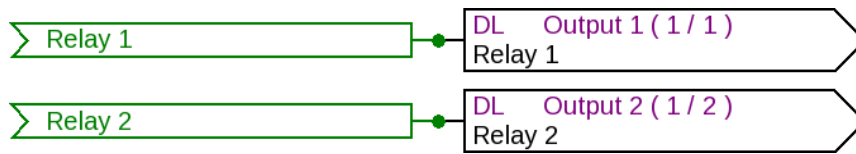
Required address	6
Default setting	1
DIP switches 1 and 4	+ 5
Sum = address	= 6
DIP switches 1 and 4 must be set to ON .	



Position of DIP switches acc. to example.

Programming

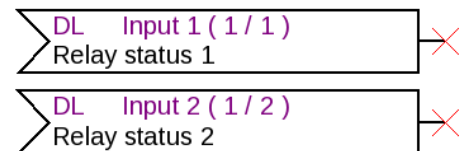
DL outputs on the controller



A DL output with a corresponding index is programmed on the controller to switch the relays.

Index	Value	Unit
1	Relay 1	On/Off
2	Relay 2	On/Off

DL inputs on the controller



The following values can be read at the controller via the DL input.

Index	Value	Unit
1	Relay 1	On/Off
2	Relay 2	On/Off
14	Serial number of the module	Dimensionless
15	Software version (without decimal points)	Dimensionless

Technical data

DL bus load	5 %
Relay breaking capacity	max. 5 A
Power consumption	< 1 W
IP rating	IP20
Max. ambient temperature	45 °C
Fuse	No internal fuse protection

Subject to technical modifications as well as typographical and printing errors. This manual is only valid for devices with the corresponding firmware version. Our products are subject to constant technical advancement and further development. We therefore reserve the right to make changes without prior notice. © 2025