

**DESCRIPTION**

The relay unit is a module packed in a plastic housing intended for installation on a DIN mounting rail. The box is PHOENIX type ME MAX 22.5 U-U1 KMGY, width: 22.6 mm, height: 99 mm, depth: 113.65 mm. The module supports 6 relay channels, and there are connectors on the front of the box, with 3 connections for each relay channel. This means that the connectors have a common contact, as well as the NO and NC contact of each relay channel. In addition to the relay contacts, there are also signal LEDs on the front that light up when the associated relay is activated. On the back side of the box, in addition to the acceptance for mechanical fastening, there are outputs on the PCB made so as to enable connection to the "DIN rail bus connector" (PHOENIX type ME 22.5 TBUS 1.5/ 5-ST-3.81 KM – 2713722) through which the power supply and CAN communication are realized. This unit does not have special RJ11 connectors for CAN communication, so the only way for CAN communication is via the DIN rail bus connector described above. On the upper side of the box there are 4 two-position switches (DIP switch) and a signal led.



Front side



Bottom side



Top side



Back side

Meaning of individual switches on the upper side of the box (DIP switch):

- Switch 1: ON position - 120 ohm terminating resistance on, OFF - resistance off.
- Switch 2: ON position – CAN module ID = 0x157, OFF – CAN module ID = 0x156.
- Switch 3: Not used.
- Switch 4: Module test. In normal operation, it must be OFF.

Signaling of the signal led:

- Constant lighting: Communication with the supervisor established and ongoing.
- Blinking with a frequency of 1 Hz: Communication with the monitoring unit has been interrupted for more than 3 seconds.
- Blinking with a frequency of 5 Hz: The voltage of the CAN bus (module power supply) is out of range.

Electrical characteristics:		
Napon napajanja	8 – 12	V
Struja napajanja max.	150	mA
Prekidni napon kontakata releja AC rms max	250	V
AC struja kontakata releja max.	3	A
DC struja kontakata releja	1.0A@0-60V 0.4A@60-150V 0.1A@150-300V	