MRU-300

RADIO SIGNAL REPEATER

The **MRU–300** radio signal repeater receives transmissions from **MICRA** wireless devices and retransmits them. It works with the **PERFECTA** control panels (equipped with **PERFECTA–RF** module or **WRL** models), **VERSA–MCU** controller, **MTX–300** controller, **MICRA** alarm module (firmware version 2.02 or newer).

- support for the following **MICRA** wireless system devices:
  - **MFD–300**, **MGD–300**, **MMD–300**, **MMD–302**, **MPD–300**, **MPD–310**, **MPD–310 Pet**, **MSD–300**, **MSD–350**, **MXD–300**, **MXD–300 BR** detectors
  - **MPT–350** keyfobs
  - **MKP–300** wireless keypads
- encrypted radio communication in the 433 MHz frequency band
- LED indicator of the repeater status
- tamper protection against opening of the enclosure
- 230 V AC supply
- built–in switching power supply
- short circuit protection of the power input
- backup battery
- battery charging circuit
- battery status supervision and low battery disconnect circuit

TECHNICAL DATA

Enclosure dimensions	126 x 158 x 32 mm
Board dimensions	87 x 104 mm
Operating temperature range	-10°C...+55°C
Supply voltage (±15%)	230 V AC, 50-60 Hz
Standby mode current consumption	8 mA
Max. current consumption	15 mA
Weight	266 g
Maximum humidity	93±3%
Operating frequency band	433,05 ÷ 434,79 MHz
Environmental class according to EN50130-5	II
Lithium-ion battery	3,7 V / 1800 mAh
Radio communication range (in open area) for PERFECTA	up to 500 m
Radio communication range (in open area) for MICRA / VERSA-MCU / MTX-300	up to 450 m

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