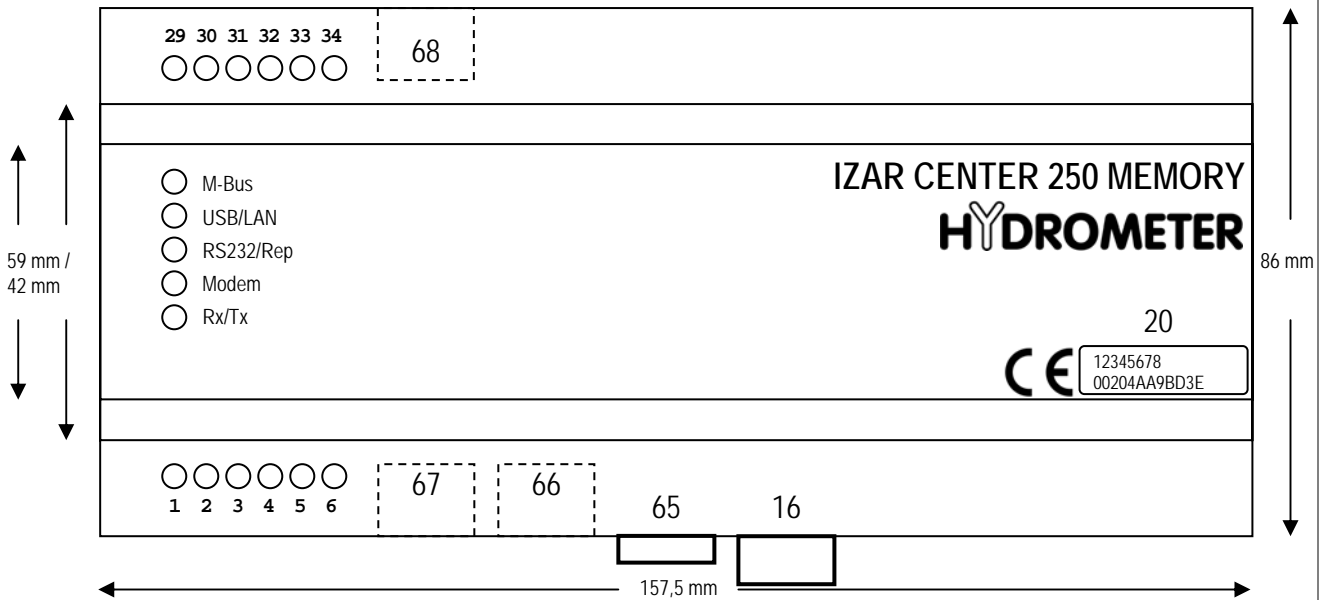


IZAR CENTER 60/120/250 / IZAR CENTER 60/120/250 Memory Installation



Important Note: The IZAR CENTER device may only be installed and operated by trained personnel.

Mounting and Dismounting

IZAR CENTER is prepared for mounting on a standard rail mount.

Important Note: Disconnect power supply (16) prior to mounting or dismounting the IZAR CENTER device.

Mounting: Clamp the IZAR CENTER device on the rail mount. The black hook at the bottom of the device should snap in firmly.

Dismounting: Use a screwdriver to pull the black hook down. The IZAR CENTER device will snap off the rail mount and you can take it off.

Electrical Connections

Important Note: In the case of connecting LAN- and M-Bus cables over long distances or between buildings we recommend the interconnection of a lightning arrester. We qualified the following types:

- for M-Bus connections: Dehn BD48
- for LAN connections: Dehn DPA MCA T6RJ45 S48

When connecting M-Bus devices to the IZAR CENTER, you do not have to interrupt power supply

Number	Description
16	110..230 V AC
5,6	Protective earth
29,31,33	M-Bus output +
30,32,34	M-Bus output -
1	M-Bus Repeater input
2	M-Bus Repeater input
68	Connector for LAN
66	Connector for USB
67	Connector Mini DIN (8 pol.) for connecting PC, Modem (RS232 interface)
20	Sticker with serial number and MAC Adress
65	Black hook

- Power supply:** 110..230 V AC (16), Euro-Norm shock-proof plug.
Protective Earth: Connect clamp 5 or 6 to a protective earth potential.
Important Note: Protective earth must be connected to IZAR CENTER.
M-Bus Devices: M-Bus devices are connected to the M-Bus clamps (see table). The M-Bus is polarity independent, but you have to use one + and one - output for each branch of the M-Bus network. All M-Bus outputs are parallel.
Repeater: If you want to use the IZAR CENTER device as M-Bus repeater, connect the M-Bus output of another IZAR CENTER to clamp 1 and 2.
Modem, PC: Connect a modem to connector 67. Use the interface cable provided with your modem (maximum cable length: 10m).
USB: Maximum cable length 3m. Use the provided USB cable.

Display

- M-Bus:** The IZAR CENTER device has got a total of 5 display lights:
Indication for 0..100% M-Bus load (green), 100..130% M-Bus load (yellow, warning) and overload (red). If the yellow LED is lit up the maximum M-Bus load is reached. Do not connect any more M-Bus devices. In this state the IZAR CENTER has still full functionality. The red light signals an M-Bus overload. An overload occurs if there are too many M-Bus devices connected to the bus or if the bus lines are shortened. In this case the IZAR CENTER switches the M-Bus for approx. 2 seconds off. After that the bus load is tested and the bus is switched off again if the overload condition remains.
- Communication:** The IZAR CENTER has got four different input channels: USB, LAN, RS232, Repeater. A green lightning next to USB/LAN resp. RS232/Repeater shows an established USB resp. RS232 connection. A yellow lightning shows an established LAN resp. Repeater connection. A green lightning next to Rx/Tx shows that data is received. Sending of data is shown by a yellow lightning.

Customer support

A complete technical datasheet, additional information and the IZAR CENTER software are available at our download-center internet page.

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Configuration Examples

