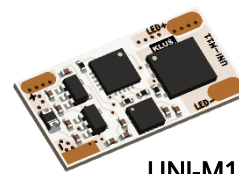


UNI-M07



UNI-M11



Magnetic switch UNI-M07/UNI-M07P – nr artykułu E61156 / E61157
UNI-M11/UNI-M11P – nr artykułu E62153 / E62154

Product Characteristics

The magnetic switch is designed for contactless switching on and off of LED fixtures installed in cabinets, drawers, wardrobes, etc. It operates based on measuring the magnetic field generated by a magnet placed on a movable part. Its working principle is similar to that of a reed switch or a limit switch, with the key difference being the absence of any mechanical components.

The switch is equipped with adhesive tape on its underside to ensure stable mounting and provide additional cooling when installed in a profile.

Notes

- * Avoid installing the magnetic switch in close proximity to devices generating strong magnetic fields, as this may cause malfunctions.
- * Do not bend the switch board, as this may lead to damage.
- * When the LED fixture is illuminated via the magnetic switch (e.g., an open drawer or cabinet door), turning the main power off and back on will restore the state to what it was before the power interruption.

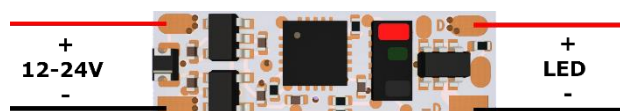
Application

The magnetic switch with a magnet is designed for use in LED profiles installed in drawers, cabinets, and wardrobes.

Technical specification

Parameters	UNI-M7(P)	UNI-M11(P)
Dimensions [mm]	22x7x2	22x11x2
Supply voltage[V]	12 - 24	12 - 24
Maximum current [A]	4A	6A
Maximum power [W]	48 - 96	72 - 144
Input wires (for version P)[mm]	150	150
Output wires (for version P)[mm]	100	100
Warranty [lata]	2	2
Pads dimensions [mm]	1.3x2.5	2x4
Operating temperature [°C]	-20...+55	-20...+55
Ready for operation (without calibration)[s]	10	10

Wiring diagram

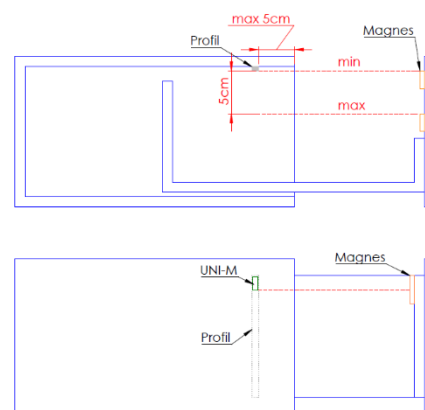
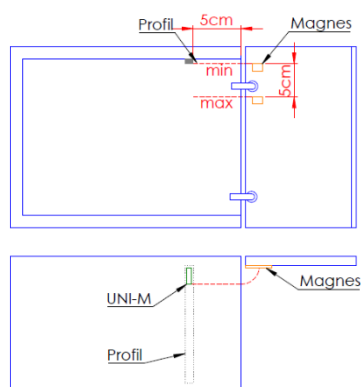


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Mounting method

UNI switch installed in the profile

1. The profile is installed in the drawer/cabinet no further than 5 cm from the edge and side of the cabinet.
2. The magnet is mounted on the front of the drawer/door at the height of the lower edge of the profile, at most 5 cm from the switch when the drawer/cabinet is closed.



Startup Instructions



1. Turn on the power supply with the drawer/doors open.
2. The first blink indicates a correct power connection.
3. After the next blink, close the doors/drawer—but do not fully close them, so you can see the next blink.
4. After the next blink, open the doors/drawer.
5. Perform three full cycles of closing and opening the drawer/doors.
6. After successful calibration, the light will blink three times, indicating proper calibration.
7. If the light blinks three times before the end of the third cycle, it indicates a calibration error.

If no change in the position of the drawer/doors is detected during calibration, the switch will interpret this as a startup after a power loss, load the previously saved settings from memory, and switch to normal operation. In this case, the entire calibration process should be repeated.

If calibration is repeatedly interrupted despite performing the opening and closing actions, the position of the magnet or profile should be adjusted.

If calibration is completed successfully but the following issue occurs—the light turns off when closing but turns back on after fully closing—the magnet position should be adjusted by lowering it.

**We reserve the right to make product modifications and assortment changes.*

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