



Field Terminal Module MZ-1/2/3 S/L

mz_e 02/05

The field terminal modules: MZ-1 (small), MZ-2 (medium) and MZ-3 (large) are designed for construction of low-voltage installations, such as alarm and/or intercom systems. They come in two versions which differ in the size of terminal block. The modules having smaller terminal blocks are additionally designated with "S", and those having bigger terminal blocks - with "L".

The terminal modules serve the purpose of connecting several electric wires without the use of soldering iron. The MZ-2 and MZ-3 modules are made with the help of jumpers and metal pins, directly connected to individual terminals, which makes it possible to easily create groups of terminals connected in parallel. However, at the installation designing stage, you should pay close attention to the current which is going to pass through particular jumpers. Their primary purpose is transmission of logic signals. To make passage of larger currents possible between the terminals, they should be interconnected with an external wire. The MZ-1 module has no pins.

In order to create a group of terminals, place the jumper on the pins situated between the chosen terminals (numbers). Placing the jumper on next pins in the immediate vicinity will connect another terminal to the previously created group.

The terminals are designated with numbers to facilitate installation work.

All modules are fitted with a NC tamper contact, which opens when the casing is being opened. The two **SAB** terminals enable the contact to be connected to the tamper circuit.

INSTALLATION

The terminal modules are designed for indoor mounting. They can be directly attached to the wall by means of expansion plugs and screws or, alternatively, by means of glue or mounting foam.

Prior to securing the casing to the mounting surface, remove the electronics board from the casing and make suitable cable inlets. The board is fixed to the casing by means of a screw. When the casing is fastened and the terminal block screwed down, you can proceed to making electric cable connections. Then close the cover very carefully. The edges of properly mounted cover should accurately adjoin the casing base, the tamper contact being closed by a special projection. The covers of MZ-1, MZ-2 modules are asymmetric and can only be mounted in one position. All the covers are attached to the casing by means of screws, which allows for their multiple mounting and dismantling.

TECHNICAL DATA

Maximum terminal voltage	24V DC / AC
Maximum jumper current-carrying capacity	500mA
Number of terminals MZ-1/MZ-2/MZ-3.....	6/18/38
Maximum diameter of connected wires for S/L terminals	1.5mm/2.5mm
Maximum dimension of terminal hole in type S modules.....	1.5x2.5 mm
Maximum dimension of terminal hole in type L modules	2.5x2.5 mm

SATEL sp. z o.o.
ul. Schuberta 79
80-172 Gdańsk
POLAND

Tel. +48 58 320 94 00
info@satel.pl
www.satel.pl