

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. To make the installation easier, the terminals are numbered. Additionally, metal pins are used in the construction of MZ-2, MZ-3 modules, two pins being connected to each terminal. By setting jumpers on the pins, selected terminals can be easily connected in parallel. The jumper should be placed on the pins situated between the selected terminals/numbers. By setting jumpers on the next, adjacent pins you can enlarge the group of terminals connected in parallel. However, you should remember that the maximum current passing through the jumpers must not exceed 500mA. If the currents are higher, connecting the terminals by jumpers is not advisable.

The MZ-1 module has no pins.

All the modules are fitted with a NC tamper contact. Two **SAB** terminals enable the contact to be connected to the tamper circuit.

1. 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. In order to install the module:

1. Open the housing.
2. Remove the electronics board from the housing (in MZ-2 and MZ-3 modules, you must first remove the screw fixing the board to the housing).
3. Make suitable cable inlets in the housing and pass the cables.
4. Screw down the housing to the surface.
5. Mount the electronics board in the housing. In the MZ-2 and MZ-3 modules, you must replace the screw fixing the board to the housing.
6. Connect the cables to the corresponding terminals.
7. Close the cover carefully. The edges of properly mounted cover should tightly adjoin the housing base, and the tamper contact should be closed by a special projection. The covers of MZ-1, MZ-2 modules are asymmetric and can only be mounted in one position.

2. TECHNICAL DATA

Maximum permissible voltage across terminals.....	24V DC/AC
Maximum jumper current-carrying capacity	500mA
Number of terminals MZ-1/MZ-2/MZ-3.....	6/18/38
Maximum grommet size, type S module	1.5x2.5 mm
Maximum grommet size, type L module	2.5x2.5 mm

Weight	version	S	L
	module		
	MZ-1	42g	46g
	MZ-2	86g	98g
	MZ-3	151g	178g

SATEL sp. z o.o.
ul. Schuberta 79
80-172 Gdańsk
POLAND
Tel. +48 58 320 94 00
info@satel.pl
www.satel.pl