CA-64 ADR-MOD
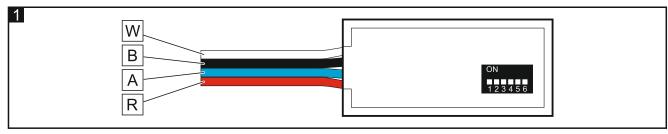
ADDRESSABLE MODULE

The CA-64 ADR-MOD module makes it possible to convert the detector of NO or NC type into the addressable detector. Addressable detectors are supported by the INT-ADR / CA-64 ADR addressable zone expander. Compact size of the addressable module enables it to be mounted inside the detector enclosure.

1. Description

Explanations to Fig. 1:

W - white wire – common ground,

B - black wire – data output,

A - blue wire – detector status supervision input,

R - red wire – power input (+12 V DC).

The DIP-switches are used for module address setting. A numerical value is assigned to each switch. In the OFF position, the value is 0. Numerical values assigned to individual switches in the ON position are shown in Table 1. The sum of numerical values assigned to switches 1-6 denotes the address set in the module. Addresses from the 0-47 range should be set. Modules with higher addresses are not supported. A different address must be set in each module. Setting the same address in two modules will result in two addressable detectors being assigned to the same zone.

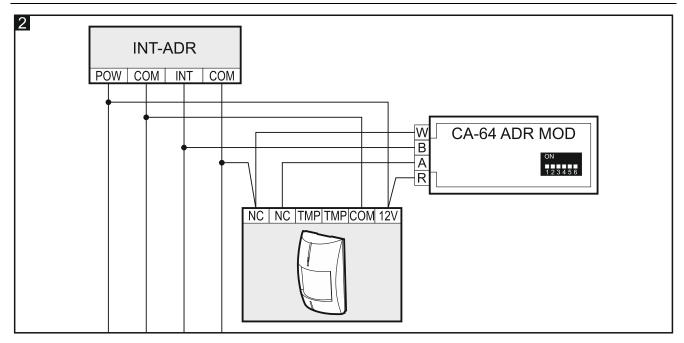| DIP-switch number	1	2	3	4	5	6
Numerical value	1	2	4	8	16	32

Table 1.

For further information on addressing the modules and numbering the addressable zones, please refer to the manual of INT-ADR / CA-64 ADR expanders.

2. Connecting

The maximum distance between the addressable detector and the expander may be up to 1000 m. The addressable modules and detectors should be powered from the POW output of the expander. Use separate wires to connect the power common for addressable modules and the power common for detectors. Connect to one of the detector alarm output terminals the same common ground which is connected to the addressable module. Connect the other terminal of alarm output to the module blue wire of the addressable module (detector status supervision input). Black module wire (data output) connect to INT terminal of the expander.
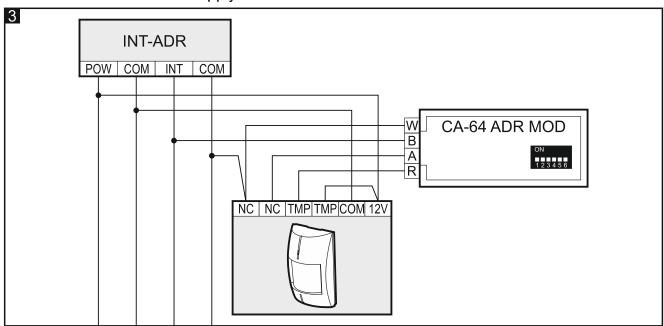
Connection without tamper control

Program the addressable zone in the control panel as NO or NC (depending on the detector type). Connect the detector tamper output (TMP) to a separate tamper circuit.

Connection with tamper control

Program the addressable zone in the control panel as 2EOL/NO or 2EOL/NC (depending on the detector type). Connect the detector tamper output (TMP) in series to the CA-64 ADR-MOD module supply circuit.

3. Specifications

Supply voltage .... 12 V DC ±15%
Current consumption .... 1.2 mA
Enclosure dimensions .... 37 x 17 x 8 mm

The declaration of conformity may be consulted at www.satel.eu/ce