

Stand-alone access control - TECHNICAL CHARACTERISTICS

Reader/Programmer

Suitable for access control system in homes, offices, hotel and similar premises.

This operating mode relies on the use of 2 devices:

- **reader/programmer** which:
 - handles access control
 - assigns a security code the selected address and allows it to be copied to the smart cards
 - reads the smart cards and activates the output relay if one is recognised.
- **smart card**:
 - able to store 15 different codes in 15 different memory addresses
 - als available in a customisable version.

Operating mode

- **Standard**
 - operation with or without master card
 - insertion of a recognised card activates the output relay in either pulse (aprox. 3 seconds) or latching mode.
 - address selection function disabled
- **Hotel**
 - operation with master card
 - insertion of a recognised card activates the output relay in either pulse (aprox. 3 seconds) or latching mode.
 - address selection function disabled
- **Electronic switch**
 - operation with master card
 - insertion of a previously enabled card activates the output relay. The relay remains energised either until the card is removed (dip switch 8 OFF) or for an additional 50 seconds after removal of the card (dip switch 8 ON).

Badge switch

The insertion of any ISO-card (i.e. Vimar 16452, 16452.H and 16452.S) activates the output relay; upon removal of the card, the relay reverts to its resting state after approx. 50 seconds.

Technical characteristics

Electronic badge switch

- Supply voltage
 - 230 V~ 50-60 Hz
 - 24 V~ 50-60 Hz
 - 24 V d.c.
- 16 A 250 V~ cos ϕ 1 relay output with change-over contact without potential rating
- frontal LED indicating "device supplied" and charge "ON"
- frontal test push button
- rear side customzable on request in black and white colour

Conformity to Standard

LV Directive
EMC Directive
EN 60669-2-1 Standard

Technical characteristics

- unlimited number of memorizable smart card.
- rated supply voltage
 - 12 V~ 50-60 Hz
 - 12 V d.c. $\pm 10\%$
 - 24 V~ 50-60 Hz
 - 24 V d.c.
- absorption:
 - 12 V~ 50-60 Hz: 55 mA
 - 12 V d.c.: 45 mA
 - 24 V~ 50-60 Hz: 80 mA
 - 24 V d.c.: 35 mA
- 24 V a.c./d.c. 8 A cos ϕ 1 relay output with change-over contact without potential rating
- operating temperature: -5 - +45 °C
- protection degree: IP30
- 2 modules

Smart card 16452

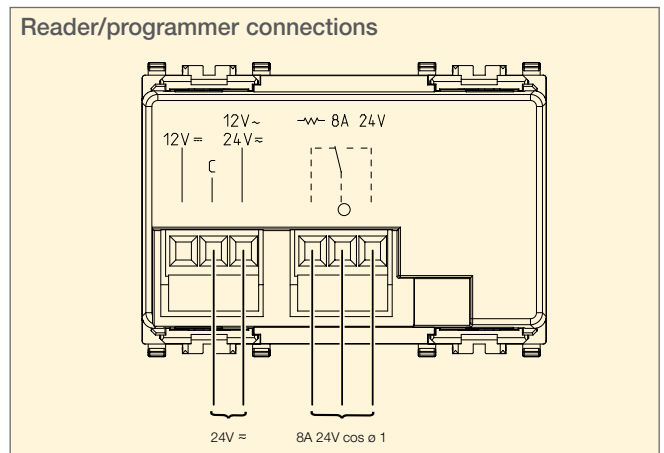
- Storing of 15 different codes in 15 different memory addresses
- 4.29 billion of combinations
- writable area for the customization

Smart card 16452.H

- As 16452, back of the smart card is customizable on request in black colour

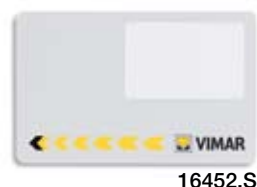
Conformity to Standard

EMC Directive
EN 61000-6-1, EN 61000-6-3 Standards



Smart card

- | | |
|----------------|--|
| 16452 | Programmable smart card |
| 16452.S | ISO card. Rear side of the card customizable |
| 16452.H | Customizable and programmable smart card |



Stand-alone access control

Reader/programmer

Smart card reader/programmer, 8 A 24 V change-over relay output, supply voltage 12-24 V~ 50-60 Hz and 12-24 V d.c. (SELV) - 3 modules.
 Provided without smart card

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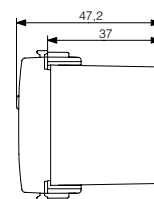
20461
grey



20461.B
white



20461.N
Next



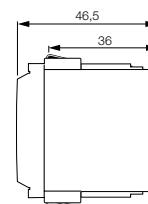
IDEA



16461
grey



16461.B
white



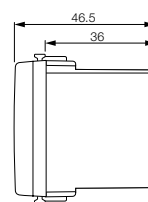
PLANA



14461
white



14461.SL
Silver



Badge switch

Electronic badge switch with vertical pocket, 16 A 250 V~ change-over relay output, supply voltage 230 V~ 50-60 Hz, 24 V~ 50-60 Hz and 24 V d.c. (SELV) - 3 modules. Provided without ISO card (badge)

EIKON



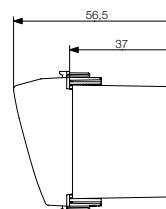
20465
grey



20465.B
white



20465.N
Next



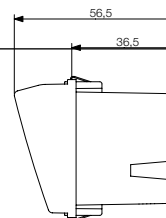
IDEA



16465
grey



16465.B
white



PLANA



14465
white



14465.SL
Silver

