**V-Hotel Series**

**Mechanism of Screwless terminal**

- Original shape with a flange holds the contact point firmly, avoiding wire sliding from the contact.
- Copper wire can be easily pushed & plugged by opening the lock lever.
- Assured connection without wire loosening.

**Methods of wiring**

1. Strip wire and twist its tip.
2. Flip up the lock lever and insert wire.
3. Flip back the lever to finish.

**Laminated coating process**

Due to the laminated coating applied on the product, painting work can be carried without masking the product.

The stains left by wall painting can be removed by removing the laminated film.
## V-HOTEL SERIES

### Plates

<table>
<thead>
<tr>
<th>V-HOTEL SERIES</th>
<th>White</th>
<th>Black Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Module</td>
<td>WIM6011-5</td>
<td>WIM6011S-5</td>
</tr>
<tr>
<td>2 Module</td>
<td>WIM6012-5</td>
<td>WIM6012S-5</td>
</tr>
<tr>
<td>3 Module</td>
<td>WIM6013-5</td>
<td>WIM6013S-5</td>
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<tr>
<td>4 Module</td>
<td>WIM6014-5</td>
<td>WIM6014S-5</td>
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<tr>
<td>6 Module</td>
<td>WIM6016-5</td>
<td>WIM6016S-5</td>
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<tr>
<td>8 Module Horizontal</td>
<td>WIM6018-5</td>
<td>WIM6018S-5</td>
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<tr>
<td>8 Module Rectangular</td>
<td>WIM6024-5</td>
<td>WIM6024S-5</td>
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<td>9 Module</td>
<td>WIM6019-5</td>
<td>WIM6019S-5</td>
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<td>12 Module</td>
<td>WIM6026-5</td>
<td>WIM6026S-5</td>
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<tr>
<td>16 Module</td>
<td>WIM6028-5</td>
<td>WIM6028S-5</td>
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<tr>
<td>18 Module</td>
<td>WIM6036-5</td>
<td>WIM6036S-5</td>
</tr>
<tr>
<td>3 Module with LED locator</td>
<td>WIM6113-5</td>
<td>WIM6113S-5</td>
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<tr>
<td>4 Module with LED locator</td>
<td>WIM6114-5</td>
<td>WIM6114S-5</td>
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<tr>
<td>6 Module with LED locator</td>
<td>WIM6116-5</td>
<td>WIM6116S-5</td>
</tr>
<tr>
<td>8 Module with LED locator</td>
<td>WIM6118-5</td>
<td>WIM6118S-5</td>
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</table>

Delivery time for V-HOTEL SERIES products may take 2-3 months depending on the product number.

### GI Sheet Metal Boxes / Concealed Plastic Boxes

<table>
<thead>
<tr>
<th>GI Sheet Metal Boxes</th>
<th>Concealed Plastic Boxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 or 2 Module</td>
<td>21780</td>
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<tr>
<td>3 Module</td>
<td>21452</td>
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<tr>
<td>4 Module</td>
<td>21711</td>
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<tr>
<td>6 Module</td>
<td>21463</td>
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<tr>
<td>8 or 9 Module Horizontal</td>
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<td>8 Module Rectangular</td>
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<td>12 Module</td>
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<tr>
<td>18 Module</td>
<td>21758</td>
</tr>
</tbody>
</table>

These boxes are specially designed for V-HOTEL SERIES only.

### Hotel Room Wiring Diagram

DND / MMR and Keycard

Note: This is a schematic electrical diagram of hotel room electrical components. Bell Push and MMR will not work when DND is in on position.
Technical Information

Screw-less Terminal

Features of screw-less terminal

• Screwless terminal is safer to operate and easy to install as it operates just by inserting the wire.
• You do not need a tool to wire.
• It is designed for stable connection once wire inserted until unreleasing the lever lock.

(Patent pending)

• Connection Method

1. Strip the wire.
2. Twist the wire.
3. Cut the excess tip in length of 12mm (Refer the strip gauge).
4. Make sure to press down the lever and hold it with fingertips.
5. Insert the wire fully inside.

Note1: Straighten out bent wires before inserting in.
Note2: DO NOT lift and hold the levers with fingernails.

6. Make sure the lever returns to its original position after connection.

• How to Disconnect the wiring

1. Make sure to lift the lever and hold it with fingertips.
2. Pull out the wire.
3. Make sure the lever returns to its original position after disconnection.

New Functional Matte Finish

For white and black parts.

Conventional product

New Vision Series

by 80

Vision wiring devices have specially textured surface with matte finish.

This fine finish along with a rounded asperity on the surface is achieved through innovative Japanese technology.

Vision wiring devices add novelty with rounded texture distinguishing them from the conventional products due to following attributes.

- Scratch Resistant
- Elegant finish
- Easy to clean

Easy installation

RJ-45 Data socket UTP
Cat 5e: WMA4805, WMA4885
Cat 5: WMA4805, WMA4885

Connection method

1. Remove the cap from the unit

2. Strip off the cable outer covering and set in the cable clamp

3. Insert core wires into the grooves

4. Tighten the clamp with a screwdriver

Wire connection diagram

Applicable cables and wires

Cat 5e: Cat 5e 4 pair UTP cable, 24AWG (diameter: 0.5 mm) Solid copper conductor or 24AWG stranded copper conductor
Cat 5: Cat 5 4 pair UTP cable, 24AWG stranded copper conductor

Notice:

For better call & data transmission performance, use stranded copper conductor in UTP cable equivalent.

Wire connection diagram

Applicable cable

Insulation stripping dimensions. Be careful. Not to damage core wire while stripping insulation.

Internal circuit diagram

Plate with LED locating frame

WMA812S, WMK811S, WMK811S, WMK5116, WM6116, WM6116, WM6116, WM6116, WM6116

How to attach the LED locator

Caution

1. Orient the arrow on the product surface upwards when attaching the LED locator to the attachment frame.
2. The display will not be visible if the LED locator is not properly attached.
3. Pay attention to the orientation when attaching the plate.
4. The LED display window will not be visible if the plate is not properly attached.
5. Insert the connector into the attachment hole from the back side.
6. Slide the connector in the direction of the arrow.

LED display window

(WM6116 is for WM6116)

Connection diagram

(WM6116 is for WM6116)
### Technical Information

**Keycard Switch**  
WIM57812, WIM57812B

**Specifcation**

- **Rated** 20A, AC 220V - 240 V
- **Resistance Load:** 20A
- **Incandescent Lamp:** 6A
- **Fluorescent Lamp:** 3A
- **Electric Machine:** 10A
- **Delay Time:** 15 - 30 sec
- **Applicable Card Size:** 54 mm x 96 mm
- **Card Thickness:** 0.2 mm - 1.0 mm

**Installation Cautions**

- Do not short circuit the load, it may cause damage to the inside parts and result in malfunction.
- Disconnect the card switch when checking with megger.
- Insulation tests across the wire and ground can be done with card switch connected.

**Card Details**

- Keycard switch is supplied without card.
- Do not use thin paper or metal as a card.
- Do not use uneven cards.

**Load Capacity Details**

- In case of load more than capacity, use contactors.
- In case of incandescent and fluorescent lamp together, incandescent load amperes + fluorescent load amperes

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### Hotel Room Layout

- Keycard Switch
- Shaver Socket
- DND MMR Control Unit - Outside
- DND MMR Control Unit - Inside
- LED Foot Light
- Master Switch

Note: This is a schematic diagram of hotel room and its electrical component layout. The hotel room plan and electrical layout may differ from place to place.