

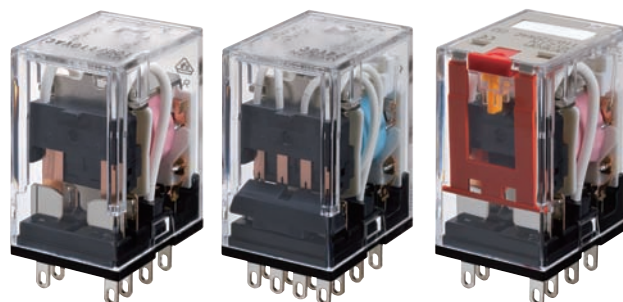
## Best-selling, general-purpose relays

- AC/DC coil voltage specifications can now be more easily distinguished thanks to the use of color-coded coil tape and operation indicators (LED).
- Latching levers convenient for circuit checking and types equipped with mechanical operation indicators and operation indicators for monitoring operation status are also available.
- Contact materials and contact structures can be selected based on contact reliability and corrosion resistance.

\*Voltage is printed on white tape in the case of the Standard 3-pole model (MY3).



Refer to *Safety Precautions* on pages 55 to 56 and *Safety Precautions for All Relays*.



Refer to the standards certifications and compliance section of your OMRON website for the latest information on certified models.

## Features

### 1. More easily distinguished AC/DC coil voltage specifications

- Distinguished using color-coded coil tape\*
- Distinguished using color-coded operation indicators (LED)

\* Voltage is printed on white tape in the case of the Standard 3-pole model (MY3).

Example: MY2



Coil tape  
Pink = AC voltage

Example: MY4



Coil tape  
Blue = DC voltage

Example: MY4



Operation indicator (LED)  
Red = AC voltage

Example: MY4



Operation indicator (LED)  
Green = DC voltage

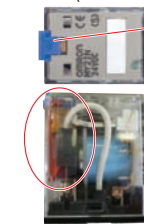
### 2. Latching levers convenient for circuit checking and types equipped with mechanical operation indicators and operation indicators for monitoring operation status are available.

- Latching lever operating procedure
- Mechanical operation indicator/LED operation indicator

Steady-state



Mode 1 (momentary)



Mode 2 (locked)



Sliding the lever to the first stage and pressing the yellow button using an insulated flat-blade screwdriver, etc., will operate the contacts.

Sliding the lever to the second stage will lock the contacts in the operating position.

Mechanical operation indicator (two locations on left and right)

LED operation indicator  
AC coil specification: Red  
DC coil specification: Green

AC coil specification (LED: Red)



### 3. Contact materials and contact structures can be selected based on contact reliability and corrosion resistance.

| Contact reliability |                              |  | Corrosion resistance |                                                 | Typical model |
|---------------------|------------------------------|--|----------------------|-------------------------------------------------|---------------|
|                     | Contact structure            |  |                      | Contact material                                |               |
| High ↑              | Crossbar bifurcated contacts |  | High ↑               | Au cladding + AgPd                              | MY4Z-CBG      |
|                     | Bifurcated contacts          |  |                      | Au cladding + Ag alloy<br>Au plating + Ag alloy | MY4Z<br>MY2Z  |
|                     | Single contacts              |  |                      | Au cladding + Ag alloy                          | MY4           |
| Low                 |                              |  | Low                  | Ag alloy                                        | MY2           |

## Model Number Structure

### Model Number Legend

#### ● Plug-in Terminals

##### Standard models

M Y



(1)



(2)



(3)

(Example: MY4ZIN(S))

##### (1) Number of poles

- 2: 2-pole
- 3: 3-pole
- 4: 4-pole

##### (2) Contacts

- None: Single
- Z: Bifurcated
- Z-CBG: Crossbar bifurcated

##### (3) Options

- None: None
- N: With operation indicator
- IN(S): With operation indicator/latching lever

#### Models with built-in diode for coil surge absorption

M Y



(1)



(2)

(Example: MY4ZIN-D2(S))

##### (1) Number of poles/contacts

- 2: 2-pole, single contacts
- 2Z: 2-pole, bifurcated contacts
- 3: 3-pole, single contacts
- 4: 4-pole, single contacts
- 4Z: 4-pole, bifurcated contacts

##### (2) Options

- D: Models with built-in diode for coil surge absorption
- N-D2: Built-in diode for coil surge absorption, with operation indicator
- IN-D2(S): Built-in diode for coil surge absorption, with operation indicator/latching lever

#### Models with built-in CR circuit for coil surge absorption

M Y



(1)



(2)

(Example: MY4ZIN-CR(S))

##### (1) Number of poles/contacts

- 2: 2-pole, single contacts
- 2Z: 2-pole, bifurcated contacts
- 4: 4-pole, single contacts
- 4Z: 4-pole, bifurcated contacts

##### (2) Options

- CR: Models with built-in CR circuit for coil surge absorption
- N-CR: Built-in CR circuit for coil surge absorption, with operation indicator
- IN-CR(S): Built-in CR circuit for coil surge absorption, with operation indicator/latching lever\*
- \*4-pole: Single/bifurcated contacts only

#### ● PCB terminals/case surface mounted

M Y



(1)



(2)

(Example: MY2-02)

##### (1) Number of poles/contacts

- 2: 2-pole, single contacts
- 3: 3-pole, single contacts
- 4: 4-pole, single contacts
- 4Z: 4-pole, bifurcated contacts

##### (2) Terminals

- 02: PCB terminals
- F: Case-surface mounting

## Ordering Information

When your order, specify the rated voltage.

### ● Plug-in Terminals

Without operation indicator

| Classification                                                                            | Number of poles | Contacts            | Model    | Rated voltage                                  |
|-------------------------------------------------------------------------------------------|-----------------|---------------------|----------|------------------------------------------------|
| Standard models<br>(compliant with<br>Electrical Appliances<br>and Material Safety Act)   | 2               | Single              | MY2      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
|                                                                                           |                 | Bifurcated          | MY2Z     | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
|                                                                                           | 3               | Single              | MY3      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
|                                                                                           |                 | Single              | MY4      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
|                                                                                           | 4               | Bifurcated          | MY4Z     | 100/110, 110/120, 200/220, 220/240 VAC         |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
|                                                                                           |                 | Crossbar bifurcated | MY4Z-CBG | 100/110, 110/120, 200/220 VAC                  |
|                                                                                           |                 |                     |          | 12, 24, 48, 100/110 VDC                        |
| Models with built-in diode for coil surge absorption<br>(DC coil specification only)      | 2               | Single              | MY2-D    | 12, 24, 48, 100/110 VDC                        |
|                                                                                           |                 | Bifurcated          | MY2Z-D   | 12, 24, 100/110 VDC                            |
|                                                                                           | 3               | Single              | MY3-D    | 12, 24, 100/110 VDC                            |
|                                                                                           | 4               | Single              | MY4-D    | 12, 24, 48, 100/110 VDC                        |
|                                                                                           |                 | Bifurcated          | MY4Z-D   | 12, 24, 48, 100/110 VDC                        |
| Models with built-in CR circuit for coil surge absorption<br>(AC coil specification only) | 2               | Single              | MY2-CR   | 100/110, 110/120, 200/220, 220/240 VAC         |
|                                                                                           |                 | Bifurcated          | MY2Z-CR  | 100/110, 200/220 VAC,                          |
|                                                                                           | 4               | Single              | MY4-CR   | 100/110, 110/120, 200/220, 220/240 VAC         |
|                                                                                           |                 | Bifurcated          | MY4Z-CR  | 100/110, 110/120, 200/220, 220/240 VAC         |

MY

MYK

MYQ-MYH

Common Options (Order Separately)

Common Precautions

With operation indicator

| Classification                                                                         | Number of poles | Contacts            | Model     | Rated voltage                                  |
|----------------------------------------------------------------------------------------|-----------------|---------------------|-----------|------------------------------------------------|
| Standard models (compliant with Electrical Appliances and Material Safety Act)         | 2               | Single              | MY2N      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                        |                 |                     |           | 12, 24, 48, 100/110 VDC                        |
|                                                                                        |                 | Bifurcated          | MY2ZN     | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                        |                 |                     |           | 12, 24, 48, 100/110 VDC                        |
|                                                                                        | 3               | Single              | MY3N      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                        |                 |                     |           | 12, 24, 48, 100/110 VDC                        |
|                                                                                        |                 | Single              | MY4N      | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                        |                 |                     |           | 12, 24, 48, 100/110 VDC                        |
|                                                                                        | 4               | Bifurcated          | MY4ZN     | 24, 100/110, 110/120, 200/220, 220/240 VAC     |
|                                                                                        |                 |                     |           | 12, 24, 48, 100/110 VDC                        |
|                                                                                        |                 | Crossbar bifurcated | MY4ZN-CBG | 100/110, 200/220 VAC                           |
|                                                                                        |                 |                     |           | 24 VDC                                         |
| Models with built-in diode for coil surge absorption (DC coil specification only)      | 2               | Single              | MY2N-D2   | 12, 24, 48, 100/110 VDC                        |
|                                                                                        |                 | Bifurcated          | MY2ZN-D2  | 12, 24, 100/110 VDC                            |
|                                                                                        | 3               | Single              | MY3N-D2   | 12, 24, 100/110 VDC                            |
|                                                                                        | 4               | Single              | MY4N-D2   | 12, 24, 48, 100/110 VDC                        |
|                                                                                        |                 | Bifurcated          | MY4ZN-D2  | 12, 24, 48, 100/110 VDC                        |
| Models with built-in CR circuit for coil surge absorption (AC coil specification only) | 2               | Single              | MY2N-CR   | 100/110, 110/120, 200/220, 220/240 VAC         |
|                                                                                        |                 | Bifurcated          | MY2ZN-CR  | 100/110, 200/220 VAC                           |
|                                                                                        | 4               | Single              | MY4N-CR   | 100/110, 110/120, 200/220, 220/240 VAC         |
|                                                                                        |                 | Bifurcated          | MY4ZN-CR  | 100/110, 110/120, 200/220, 220/240 VAC         |

With operation indicator/latching lever

| Classification                                                                         | Number of poles | Contacts   | Model        | Rated voltage        |
|----------------------------------------------------------------------------------------|-----------------|------------|--------------|----------------------|
| Standard models (compliant with Electrical Appliances and Material Safety Act)         | 2               | Single     | MY2IN(S)     | 100/110, 200/220 VAC |
|                                                                                        |                 |            |              | 12, 24, 48 VDC       |
|                                                                                        | 4               | Single     | MY4IN(S)     | 100/110, 200/220 VAC |
|                                                                                        |                 |            |              | 12, 24, 48 VDC       |
|                                                                                        |                 | Bifurcated | MY4ZIN(S)    | 100/110, 200/220 VAC |
| Models with built-in diode for coil surge absorption (DC coil specification only)      | 2               | Single     | MY2IN-D2(S)  | 12, 24, 48 VDC       |
|                                                                                        |                 |            |              | 12, 24, 48 VDC       |
|                                                                                        | 4               | Bifurcated | MY4ZIN-D2(S) | 12, 24, 48 VDC       |
|                                                                                        |                 |            |              | 12, 24, 48 VDC       |
| Models with built-in CR circuit for coil surge absorption (AC coil specification only) | 4               | Single     | MY4IN-CR(S)  | 100/110, 200/220 VAC |
|                                                                                        |                 | Bifurcated | MY4ZIN-CR(S) | 100/110, 200/220 VAC |

●PCB terminals

| Classification                                                                          | Number of poles | Contacts   | Model   | Rated voltage                                  |
|-----------------------------------------------------------------------------------------|-----------------|------------|---------|------------------------------------------------|
| Standard models<br>(compliant with<br>Electrical Appliances<br>and Material Safety Act) | 2               | Single     | MY2-02  | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                         |                 |            |         | 12, 24, 48, 100/110 VDC                        |
|                                                                                         | 3               | Single     | MY3-02  | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                         |                 |            |         | 12, 24, 48, 100/110 VDC                        |
|                                                                                         | 4               | Single     | MY4-02  | 12, 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                         |                 |            |         | 12, 24, 48, 100/110 VDC                        |
|                                                                                         |                 | Bifurcated | MY4Z-02 | 100/110, 110/120, 200/220 VAC                  |
|                                                                                         |                 |            |         | 12, 24, 48, 100/110 VDC                        |

●Case-surface mounting

| Classification                                                                          | Number of poles | Contacts   | Model | Rated voltage                              |
|-----------------------------------------------------------------------------------------|-----------------|------------|-------|--------------------------------------------|
| Standard models<br>(compliant with<br>Electrical Appliances<br>and Material Safety Act) | 2               | Single     | MY2F  | 24, 100/110, 110/120, 200/220, 220/240 VAC |
|                                                                                         |                 |            |       | 12, 24, 48, 100/110 VDC                    |
|                                                                                         | 3               | Single     | MY3F  | 100/110, 200/220 VAC                       |
|                                                                                         |                 |            |       | 24, 100/110 VDC                            |
|                                                                                         | 4               | Single     | MY4F  | 24, 100/110, 110/120, 200/220 VAC          |
|                                                                                         |                 |            |       | 12, 24, 48, 100/110 VDC                    |
|                                                                                         |                 | Bifurcated | MY4ZF | 200/220 VAC                                |
|                                                                                         |                 |            |       | 12, 24 VDC                                 |