

Product Discontinuation

Name of Category



**Miniature power Relay
Model MY-GS series**

Recommended Replacement

Name of Category



**Miniature Power Relay
Model MY-GS-R series
(Will be released in April, 2023)**

[Final order entry date]

The end of July, 2023 *

****This discontinuation date (July 2023) is applicable ONLY for EUROPE****

[Date of The Last Shipping]

The end of October, 2023

[Caution on recommended replacement]

The Characteristics are different from Product Discontinuation in Recommended Replacement.
For details , refer to the characteristics section.

[Difference from discontinued product]

| Recommended replacement Model | Body Color | Dimensions | Wire connection | Mounting Dimensions | Characteristics | Operation ratings | Operation methods |
|-------------------------------|------------|------------|-----------------|---------------------|-----------------|-------------------|-------------------|
| MY-GS series | ** | ** | * | ** | ** | ** | ** |

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

| Product discontinuation | Recommended replacement |
|-------------------------|-------------------------|
| MY2-GS AC100/110 | MY2-GS-R AC100/110 |
| MY2-GS AC110/120 | MY2-GS-R AC110/120 |
| MY2-GS AC12 | MY2-GS-R AC12 |
| MY2-GS AC200/220 | MY2-GS-R AC200/220 |
| MY2-GS AC220/240 | MY2-GS-R AC220/240 |
| MY2-GS AC24 | MY2-GS-R AC24 |
| MY2-GS AC48 | MY2-GS-R AC48 |
| MY2-GS DC100/110 | MY2-GS-R DC100/110 |
| MY2-GS DC12 | MY2-GS-R DC12 |
| MY2-GS DC24 | MY2-GS-R DC24 |
| MY2-GS DC48 | MY2-GS-R DC48 |
| MY2-GS DC6 | MY2-GS-R DC6 |
| MY2IN-CR-GS AC100/110 | MY2IN-CR-GS-R AC100/110 |
| MY2IN-CR-GS AC110/120 | MY2IN-CR-GS-R AC110/120 |
| MY2IN-CR-GS AC200/220 | MY2IN-CR-GS-R AC200/220 |
| MY2IN-CR-GS AC220/240 | MY2IN-CR-GS-R AC220/240 |
| MY2IN-D2-GS DC100/110 | MY2IN-D2-GS-R DC100/110 |
| MY2IN-D2-GS DC12 | MY2IN-D2-GS-R DC12 |

| Product discontinuation | Recommended replacement |
|--------------------------------|--------------------------------|
| MY2IN-D2-GS DC220 | MY2IN-D2-GS-R DC220 |
| MY2IN-D2-GS DC24 | MY2IN-D2-GS-R DC24 |
| MY2IN-D2-GS DC48 | MY2IN-D2-GS-R DC48 |
| MY2IN-GS AC100/110 | MY2IN-GS-R AC100/110 |
| MY2IN-GS AC110/120 | MY2IN-GS-R AC110/120 |
| MY2IN-GS AC12 | MY2IN-GS-R AC12 |
| MY2IN-GS AC200/220 | MY2IN-GS-R AC200/220 |
| MY2IN-GS AC220/240 | MY2IN-GS-R AC220/240 |
| MY2IN-GS AC24 | MY2IN-GS-R AC24 |
| MY2IN-GS AC48 | MY2IN-GS-R AC48 |
| MY2IN-GS DC100/110 | MY2IN-GS-R DC100/110 |
| MY2IN-GS DC12 | MY2IN-GS-R DC12 |
| MY2IN-GS DC220 | MY2IN-GS-R DC220 |
| MY2IN-GS DC24 | MY2IN-GS-R DC24 |
| MY2IN-GS DC48 | MY2IN-GS-R DC48 |
| MY2IN-GS DC6 | MY2IN-GS-R DC6 |
| MY2N-CR-GS AC100/110 | MY2N-CR-GS-R AC100/110 |
| MY2N-CR-GS AC110/120 | MY2N-CR-GS-R AC110/120 |
| MY2N-CR-GS AC200/220 | MY2N-CR-GS-R AC200/220 |
| MY2N-CR-GS AC220/240 | MY2N-CR-GS-R AC220/240 |
| MY2N-CR-GS-ML AC220/240 | MY2N-CR-GS-R AC220/240 |
| MY2N-D2-GS DC100/110 | MY2N-D2-GS-R DC100/110 |
| MY2N-D2-GS DC12 | MY2N-D2-GS-R DC12 |
| MY2N-D2-GS DC220 | MY2N-D2-GS-R DC220 |
| MY2N-D2-GS DC24 | MY2N-D2-GS-R DC24 |
| MY2N-D2-GS DC48 | MY2N-D2-GS-R DC48 |
| MY2N-D2-GS-ML DC24 | MY2N-D2-GS-R DC24 |
| MY2N-GS AC100/110 | MY2N-GS-R AC100/110 |
| MY2N-GS AC110/120 | MY2N-GS-R AC110/120 |
| MY2N-GS AC12 | MY2N-GS-R AC12 |
| MY2N-GS AC200/220 | MY2N-GS-R AC200/220 |
| MY2N-GS AC220/240 | MY2N-GS-R AC220/240 |
| MY2N-GS AC24 | MY2N-GS-R AC24 |
| MY2N-GS AC48 | MY2N-GS-R AC48 |
| MY2N-GS DC100/110 | MY2N-GS-R DC100/110 |
| MY2N-GS DC12 | MY2N-GS-R DC12 |
| MY2N-GS DC220 | MY2N-GS-R DC220 |
| MY2N-GS DC24 | MY2N-GS-R DC24 |
| MY2N-GS DC48 | MY2N-GS-R DC48 |
| MY2N-GS DC6 | MY2N-GS-R DC6 |
| MY2N-GS-ML AC100/110 | MY2N-GS-R AC100/110 |
| MY2N-GS-ML AC110/120 | MY2N-GS-R AC110/120 |
| MY2N-GS-ML AC12 | MY2N-GS-R AC12 |
| MY2N-GS-ML AC200/220 | MY2N-GS-R AC200/220 |
| MY2N-GS-ML AC220/240 | MY2N-GS-R AC220/240 |
| MY2N-GS-ML AC24 | MY2N-GS-R AC24 |
| MY2N-GS-ML AC48 | MY2N-GS-R AC48 |
| MY2N-GS-ML DC100/110 | MY2N-GS-R DC100/110 |
| MY2N-GS-ML DC12 | MY2N-GS-R DC12 |
| MY2N-GS-ML DC220 | MY2N-GS-R DC220 |

| Product discontinuation | Recommended replacement |
|--------------------------------|--------------------------------|
| MY2N-GS-ML DC24 | MY2N-GS-R DC24 |
| MY2N-GS-ML DC48 | MY2N-GS-R DC48 |
| MY2N-GS-ML DC6 | MY2N-GS-R DC6 |
| MY4-GS AC100/110 | MY4-GS-R AC100/110 |
| MY4-GS AC110/120 | MY4-GS-R AC110/120 |
| MY4-GS AC12 | MY4-GS-R AC12 |
| MY4-GS AC200/220 | MY4-GS-R AC200/220 |
| MY4-GS AC220/240 | MY4-GS-R AC220/240 |
| MY4-GS AC24 | MY4-GS-R AC24 |
| MY4-GS AC48 | MY4-GS-R AC48 |
| MY4-GS DC100/110 | MY4-GS-R DC100/110 |
| MY4-GS DC12 | MY4-GS-R DC12 |
| MY4-GS DC24 | MY4-GS-R DC24 |
| MY4-GS DC48 | MY4-GS-R DC48 |
| MY4-GS DC6 | MY4-GS-R DC6 |
| MY4IN-CR-GS AC100/110 | MY4IN-CR-GS-R AC100/110 |
| MY4IN-CR-GS AC110/120 | MY4IN-CR-GS-R AC110/120 |
| MY4IN-CR-GS AC200/220 | MY4IN-CR-GS-R AC200/220 |
| MY4IN-CR-GS AC220/240 | MY4IN-CR-GS-R AC220/240 |
| MY4IN-D2-GS DC100/110 | MY4IN-D2-GS-R DC100/110 |
| MY4IN-D2-GS DC12 | MY4IN-D2-GS-R DC12 |
| MY4IN-D2-GS DC220 | MY4IN-D2-GS-R DC220 |
| MY4IN-D2-GS DC24 | MY4IN-D2-GS-R DC24 |
| MY4IN-D2-GS DC48 | MY4IN-D2-GS-R DC48 |
| MY4IN-GS AC100/110 | MY4IN-GS-R AC100/110 |
| MY4IN-GS AC110/120 | MY4IN-GS-R AC110/120 |
| MY4IN-GS AC12 | MY4IN-GS-R AC12 |
| MY4IN-GS AC200/220 | MY4IN-GS-R AC200/220 |
| MY4IN-GS AC220/240 | MY4IN-GS-R AC220/240 |
| MY4IN-GS AC24 | MY4IN-GS-R AC24 |
| MY4IN-GS AC48 | MY4IN-GS-R AC48 |
| MY4IN-GS DC100/110 | MY4IN-GS-R DC100/110 |
| MY4IN-GS DC12 | MY4IN-GS-R DC12 |
| MY4IN-GS DC220 | MY4IN-GS-R DC220 |
| MY4IN-GS DC24 | MY4IN-GS-R DC24 |
| MY4IN-GS DC48 | MY4IN-GS-R DC48 |
| MY4IN-GS DC6 | MY4IN-GS-R DC6 |
| MY4N-CR-GS AC100/110 | MY4N-CR-GS-R AC100/110 |
| MY4N-CR-GS AC110/120 | MY4N-CR-GS-R AC110/120 |
| MY4N-CR-GS AC200/220 | MY4N-CR-GS-R AC200/220 |
| MY4N-CR-GS AC220/240 | MY4N-CR-GS-R AC220/240 |
| MY4N-CR-GS-ML AC220/240 | MY4N-CR-GS-R AC220/240 |
| MY4N-D2-GS DC100/110 | MY4N-D2-GS-R DC100/110 |
| MY4N-D2-GS DC12 | MY4N-D2-GS-R DC12 |
| MY4N-D2-GS DC220 | MY4N-D2-GS-R DC220 |
| MY4N-D2-GS DC24 | MY4N-D2-GS-R DC24 |
| MY4N-D2-GS DC48 | MY4N-D2-GS-R DC48 |
| MY4N-D2-GS-ML DC24 | MY4N-D2-GS-R DC24 |
| MY4N-GS AC100/110 | MY4N-GS-R AC100/110 |
| MY4N-GS AC110/120 | MY4N-GS-R AC110/120 |

| Product discontinuation | Recommended replacement |
|--------------------------------|--------------------------------|
| MY4N-GS AC12 | MY4N-GS-R AC12 |
| MY4N-GS AC200/220 | MY4N-GS-R AC200/220 |
| MY4N-GS AC220/240 | MY4N-GS-R AC220/240 |
| MY4N-GS AC24 | MY4N-GS-R AC24 |
| MY4N-GS AC48 | MY4N-GS-R AC48 |
| MY4N-GS DC100/110 | MY4N-GS-R DC100/110 |
| MY4N-GS DC12 | MY4N-GS-R DC12 |
| MY4N-GS DC220 | MY4N-GS-R DC220 |
| MY4N-GS DC24 | MY4N-GS-R DC24 |
| MY4N-GS DC48 | MY4N-GS-R DC48 |
| MY4N-GS DC6 | MY4N-GS-R DC6 |
| MY4N-GS-ML AC100/110 | MY4N-GS-R AC100/110 |
| MY4N-GS-ML AC110/120 | MY4N-GS-R AC110/120 |
| MY4N-GS-ML AC12 | MY4N-GS-R AC12 |
| MY4N-GS-ML AC200/220 | MY4N-GS-R AC200/220 |
| MY4N-GS-ML AC220/240 | MY4N-GS-R AC220/240 |
| MY4N-GS-ML AC24 | MY4N-GS-R AC24 |
| MY4N-GS-ML AC48 | MY4N-GS-R AC48 |
| MY4N-GS-ML DC100/110 | MY4N-GS-R DC100/110 |
| MY4N-GS-ML DC12 | MY4N-GS-R DC12 |
| MY4N-GS-ML DC220 | MY4N-GS-R DC220 |
| MY4N-GS-ML DC24 | MY4N-GS-R DC24 |
| MY4N-GS-ML DC48 | MY4N-GS-R DC48 |
| MY4N-GS-ML DC6 | MY4N-GS-R DC6 |

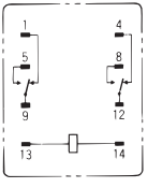
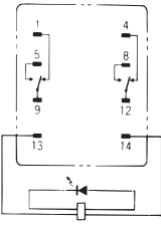
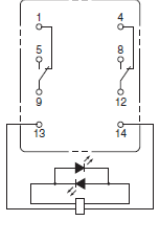
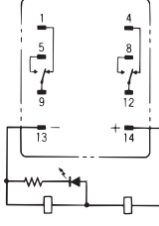
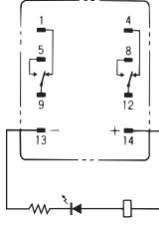
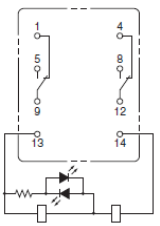
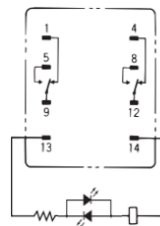
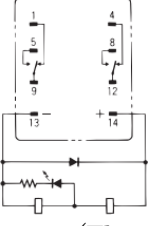
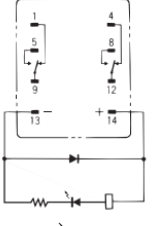
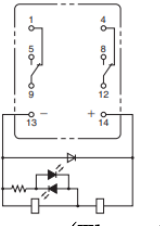
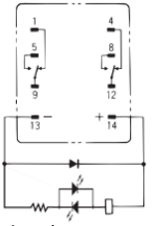
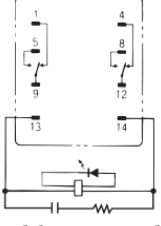
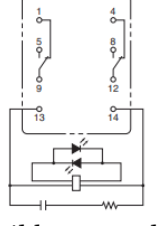
[Body color]

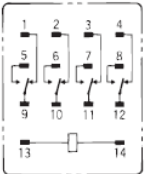
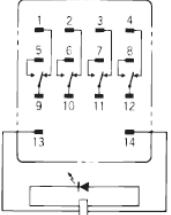
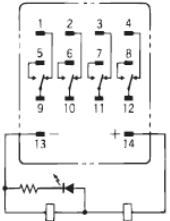
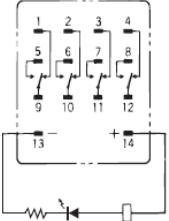
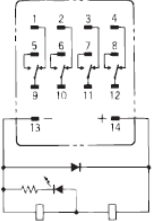
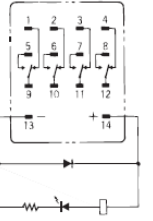
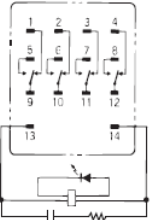
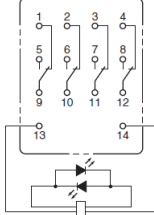
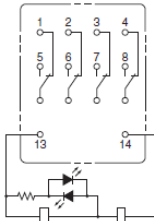
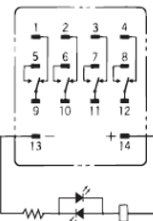
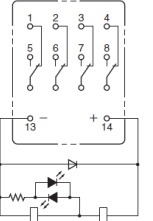
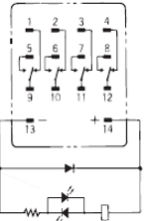
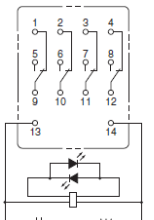
| Product discontinuation Model MY-GS series | Recommendable replacement Model MY-GS-R series |
|--|---|
| <div style="border: 1px solid black; display: inline-block; padding: 5px;">No difference</div> | |

[Dimensions]

| Product discontinuation Model MY-GS series | Recommendable replacement Model MY-GS-R series |
|--|---|
| <div style="border: 1px solid black; display: inline-block; padding: 5px;">No difference</div> | |

[Wire connection]

| Product discontinuation Model MY-GS | Recommendable replacement Model MY-GS-R |
|---|--|
| <p>MY2-GS Series MY2-GS</p>  <p>(The coil has no polarity.)</p> | <p>MY2-GS Series MY2-GS-R</p> <p>Same as Left</p> |
| <p>MY2□N-GS</p> <p>AC Models</p>  <p>(The coil has no polarity.)</p> | <p>MY2□N-GS-R</p> <p>AC Models</p>  <p>(The coil has no polarity.)</p> |
| <p>DC Models (except 220 VDC)</p>  <p>(The coil has polarity.)</p> <p>DC Models (for 220 VDC)</p>  <p>(The coil has polarity.)</p> | <p>DC Models (except 220 VDC)</p>  <p>(The coil has no polarity.)</p> <p>DC Models (for 220 VDC)</p>  <p>(The coil has no polarity.)</p> |
| <p>MY2□N-D2-GS</p> <p>DC Models (except 220 VDC)</p>  <p>(The coil has polarity.)</p> <p>DC Models (for 220 VDC)</p>  <p>(The coil has polarity.)</p> | <p>MY2□N-D2-GS-R</p> <p>DC Models (except 220 VDC)</p>  <p>(The coil has polarity.)</p> <p>DC Models (for 220 VDC)</p>  <p>(The coil has polarity.)</p> |
| <p>MY2□N-CR-GS</p> <p>AC Models</p>  <p>(The coil has no polarity.)</p> | <p>MY2□N-CR-GS-R</p> <p>AC Models</p>  <p>(The coil has no polarity.)</p> |

| <p align="center">Product discontinuation Model MY-GS</p> | <p align="center">Recommendable replacement Model MY-GS-R</p> |
|--|---|
| <p>MY4-GS Series MY4-GS</p>  <p align="center">(The coil has no polarity.)</p> <p>MY4□N-GS</p>  <p align="center">AC Models (The coil has no polarity.)</p>  <p align="center">DC Models (except 220 VDC) (The coil has polarity.)</p>  <p align="center">DC Models (for 220 VDC) (The coil has polarity.)</p> <p>MY4□N-D2-GS</p>  <p align="center">DC Models (except 220 VDC) (The coil has polarity.)</p>  <p align="center">DC Models (for 220 VDC) (The coil has polarity.)</p> <p>MY4□N-CR-GS AC Models</p>  <p align="center">(The coil has no polarity.)</p> | <p>MY4-GS-R Series MY4-GS-R</p> <p align="center">Same as Left</p> <p>MY4□N-GS-R</p>  <p align="center">AC Models (The coil has no polarity.)</p>  <p align="center">DC Models (except 220 VDC) (The coil has no polarity.)</p>  <p align="center">DC Models (for 220 VDC) (The coil has no polarity.)</p> <p>MY4□N-D2-GS-R</p>  <p align="center">DC Models (except 220 VDC) (The coil has polarity.)</p>  <p align="center">DC Models (for 220 VDC) (The coil has polarity.)</p> <p>MY4□N-CR-GS-R AC Models</p>  <p align="center">(The coil has no polarity.)</p> |

| Product discontinuation Model MY(S), MY-GS series | Recommendable replacement Model MY-GS-R series |
|--|---|
| No difference | |

[Characteristics]

| Item | Product discontinuation Model MY2-GS | Recommendable replacement Model MY2-GS-R |
|--|---|---|
| Contact configuration | DPDT | |
| Contact structure | Single | |
| Contact material | Ag | |
| Rated load (Electrical endurance) | 7 A at 250 VAC 7 A at 30 VDC (120,000 operations) | 10 A at 250 VAC 10 A at 30 VDC (100,000 operations) |
| Rated load $\Phi = 0.4$ AC (Electrical endurance) | 2 A at 220 VAC (500,000 operations) | |
| Rated load L/R = 7 ms DC (Electrical endurance) | 2 A at 24 VDC (500,000 operations) | |
| Rated carry current | 7 A | 10 A |
| Maximum contact voltage | 250 VAC, 220 VDC | |
| Maximum contact current | 7 A | 10 A |
| Minimum load (reference values) | 1 mA at 5 VDC | |
| Contact resistance | 100 m Ω max. | |
| Operation time | 20 ms max. | |
| Release time | 20 ms max. | |
| Maximum operating frequency (Mechanical) | 18,000 operations/h | |
| Maximum operating frequency (Rated load) | 2,400 operations/h (Duty ratio:33%) | |
| Insulation resistance | 1,000 M Ω min. | |
| Dielectric strength Between coil and contacts | 2,000 VAC at 50/60 Hz for 1 min. | |
| Dielectric strength Between contacts of different polarity | 2,000 VAC at 50/60 Hz for 1 min. | |
| Dielectric strength Between contacts of the same polarity | 1,000 VAC at 50/60 Hz for 1 min. | |
| Vibration resistance Destruction | 10 to 55 to 10 Hz, Double amplitude: 1.0 mm | |
| Vibration resistance Malfunction | 10 to 55 to 10 Hz, Double amplitude: 1.0 mm | |
| Shock resistance Destruction | 1,000 m/s ² (Approx. 100 G) | |
| Shock resistance Malfunction | 200 m/s ² (Approx. 20 G) | |
| Mechanical endurance | 50,000,000 operations | |
| Ambient operating temperature | -55 to 70°C (Standard) -40 to 70°C (with LED) | |
| Ambient humidity | 5% to 85% | |
| Weight | Approx. 35 g | |

| Item | Product discontinuation Model MY4-GS | Recommendable replacement Model MY4-GS-R |
|---|--|---|
| Contact configuration | 4PDT | Same as Left |
| Contact structure | Single | |
| Contact material | Ag | |
| Rated load (Electrical endurance) | 6 A at 250 VAC 6 A at 30 VDC (30,000 operations) | |
| Rated load $\Phi = 0.4$ AC (Electrical endurance) | 0.8 A at 220 VAC (200,000 operations) | |
| Rated load L/R = 7 ms DC (Electrical endurance) | 1.5 A at 24 VDC (200,000 operations) | |
| Rated carry current | 6 A | |
| Maximum contact voltage | 250 VAC, 220 VDC | |
| Maximum contact current | 6 A | |
| Minimum load (reference values) | 1 mA at 5 VDC | |
| Contact resistance | 100 m Ω max. | |
| Operation time | 20 ms max. | |
| Release time | 20 ms max. | |
| Maximum operating frequency (Mechanical) | 18,000 operations/h | |
| Maximum operating frequency (Rated load) | 2,400 operations/h (Duty ratio:33%) | |
| Insulation resistance | 1,000 M Ω min. | |
| Dielectric strength Between coil and contacts | 2,000 VAC at 50/60 Hz for 1 min. | |
| Dielectric strength Between contacts of different polarity | 2,000 VAC at 50/60 Hz for 1 min. | |
| Dielectric strength Between contacts of the same polarity | 1,000 VAC at 50/60 Hz for 1 min. | |
| Vibration resistance Destruction | 10 to 55 to 10 Hz, Double amplitude: 1.0 mm | |
| Vibration resistance Malfunction | 10 to 55 to 10 Hz, Double amplitude: 1.0 mm | |
| Shock resistance Destruction | 1,000 m/s ² (Approx. 100 G) | |
| Shock resistance Malfunction | 200 m/s ² (Approx. 20 G) | |
| Mechanical endurance | 50,000,000 operations | |
| Ambient operating temperature | -55 to 70°C (Standard) -40 to 70°C (with LED) | |
| Ambient humidity | 5% to 85% | |
| Weight | Approx. 35 g | |

[Operation ratings]

| Product discontinuation Model MY-GS series | Recommendable replacement Model MY-GS-R series |
|--|---|
| <div style="border: 1px solid black; padding: 5px; display: inline-block;">No difference</div> | |

[Operation methods]

| Product discontinuation Model MY(S), MY-GS series | Recommendable replacement Model MY-GS-R series |
|--|---|
| <div data-bbox="539 286 1082 338" style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;"> No difference </div> | |

Specifications and prices in this product news are as of the issue date and are subject to change without notice.
 Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.