

**PRODUCT
NEWS**

**Product Discontinuation
Notices**

<< REQUEST >>

Product discontinuation of MY2(I)N1-D2 and MY4(I)N1-D2 series.

Product Discontinuation

Name of Category

**Miniature power Relay
Model MY(S) series**



Recommended Replacement

Name of Category

**Miniature Power Relay
Model MY-GS-R series**



[Final order entry date]

The end of March, 2025.

[Date of The Last Shipping]

The end of June, 2025.

[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-R series	*	**	**	**	*	*	**

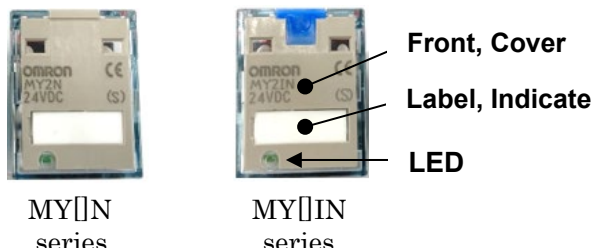
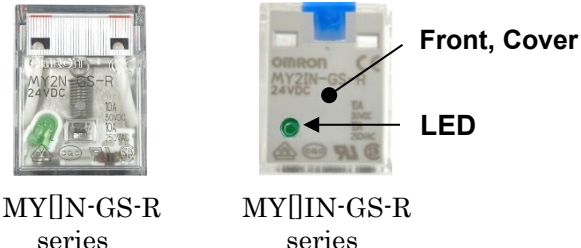
- ** : Compatible
- * : The change is a little/Almost compatible
- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
MY2IN1-D2 DC100/110 (S)	MY2IN-D1-GS-R DC100/110
MY2IN1-D2 DC12 (S)	MY2IN-D1-GS-R DC12
MY2IN1-D2 DC24 (S)	MY2IN-D1-GS-R DC24
MY2IN1-D2 DC48 (S)	MY2IN-D1-GS-R DC48
MY2IN1-D2 DC6 (S)	No recommended replacement
MY2N1-D2 DC100/110 (S)	MY2N-D1-GS-R DC100/110
MY2N1-D2 DC12 (S)	MY2N-D1-GS-R DC12
MY2N1-D2 DC24 (S)	MY2N-D1-GS-R DC24
MY2N1-D2 DC48 (S)	MY2N-D1-GS-R DC48
MY2N1-D2 DC6 (S)	No recommended replacement
MY4IN1-D2 DC100/110 (S)	MY4IN-D1-GS-R DC100/110
MY4IN1-D2 DC12 (S)	MY4IN-D1-GS-R DC12
MY4IN1-D2 DC24 (S)	MY4IN-D1-GS-R DC24
MY4IN1-D2 DC48 (S)	MY4IN-D1-GS-R DC48

Product discontinuation	Recommended replacement
MY4IN1-D2 DC6 (S)	No recommended replacement
MY4N1-D2 DC100/110 (S)	MY4N-D1-GS-R DC100/110
MY4N1-D2 DC12 (S)	MY4N-D1-GS-R DC12
MY4N1-D2 DC24 (S)	MY4N-D1-GS-R DC24
MY4N1-D2 DC48 (S)	MY4N-D1-GS-R DC48
MY4N1-D2 DC6 (S)	No recommended replacement

[Body color, Appearance]

Product discontinuation Model MY(S) series	Recommendable replacement Model MY-GS-R series
<p>Cover color, Appearance MY[] (I)N series : IVORY</p>  <p>MY[]N series MY[]IN series</p>	<p>Cover color, Appearance MY[]N-GS-R series : CLEAR MY[]IN-GS-R series : GRAY</p>  <p>MY[]N-GS-R series MY[]IN-GS-R series</p> <p>Front, cover is not equipped for MY[]N-GS-R series. Label, Indicate is not equipped. LED position is different.</p>

[Dimensions]

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

[Wire connection]

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

[Mounting dimensions]

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

[Characteristics]

Item	Product discontinuation Model MY2(S)	Recommendable replacement Model MY2-GS-R
Contact configuration	DPDT	
Contact structure	Single	
Contact material	Ag	
Rated load (Electrical endurance)	5 A at 250 VAC 5 A at 30 VDC (500,000 operations min.)	10 A at 250 VAC 10 A at 30 VDC (100,000 operations)
Rated load $\Phi = 0.4$ AC (Electrical endurance)	2 A at 250 VAC (500,000 operations min.)	2 A at 220 VAC (500,000 operations)
Rated load L/R = 7 ms DC (Electrical endurance)	2 A at 30VDC (500,000 operations min.)	2 A at 24 VDC (500,000 operations)
Rated carry current	10 A	
Maximum contact voltage	250 VAC, 125 VDC	250 VAC, 220 VDC
Maximum contact current	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))	1,800 operations/h (under rated load)	2,400 operations/h (Duty ratio:33%)
Insulation resistance	100 M Ω min.	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	AC:50,000,000 operations min. DC:100,000,000 operations min.	50,000,000 operations
Ambient operating temperature	-55 to 70°C	-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(S)	Recommendable replacement Model MY4-GS-R
Contact configuration	4PDT	
Contact structure	Single	
Contact material	Au cladding + Ag alloy	Ag
Rated load	3 A at 250 VAC	3 A at 220 VAC

Item	Product discontinuation Model MY4(S)	Recommendable replacement Model MY4-GS-R
(Electrical endurance)	3 A at 30 VDC (200,000 operations min.)	3 A at 24 VDC (200,000 operations)
	-	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 250 VAC (200,000 operations min.)	0.8 A at 220 VAC (200,000 operations)
Rated load L/R = 7 ms DC (Electrical endurance)	1.5 A at 30VDC (200,000 operations min.)	1.5 A at 24 VDC (200,000 operations)
Rated carry current	5 A	6 A
Maximum contact voltage	250 VAC, 125 VDC	250 VAC, 220 VDC
Maximum contact current	5 A	6 A
Minimum load (reference values)	1 mA at 1 VDC	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)	1,800 operations/h (under rated load)	2,400 operations/h (Duty ratio:33%)
Insulation resistance	100 M Ω min.	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	AC:50,000,000 operations min. DC:100,000,000 operations min.	50,000,000 operations
Ambient operating temperature	-55 to 70°C	-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(S) series	Recommendable replacement Model MY-GS-R series
Operation ratings Must operate: 80% max. Must release(AC): 30% min. Must release(DC): 10% min.	Operation ratings Must operate: 80% max. Must release(AC): 30% min. Must release(DC): 10% min.

Product discontinuation Model MY(S) series	Recommendable replacement Model MY-GS-R series
Max. voltage: 110% Power consumption(AC): Approx. 0.9 to 1.3VA (60 Hz) Power consumption(DC): Approx. 0.9 W	Max. voltage: 110% Power consumption(AC): Approx. 0.9 to 1.3VA (60 Hz) Power consumption(DC): Approx. 0.9 W(except 220 VDC) Approx. 0.8 W(for 220 VDC)

[Operation methods]

Product discontinuation Model MY(S), MY-GS series	Recommendable replacement Model MY-GS-R series
<div style="border: 1px solid black; display: inline-block; padding: 5px 20px;">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.