

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

[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

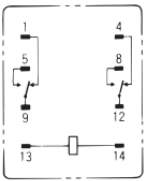
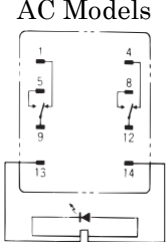
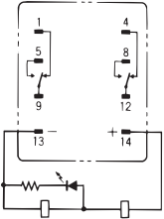
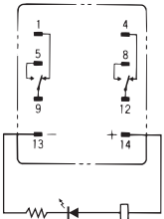
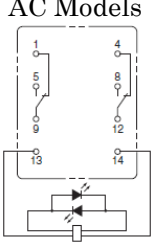
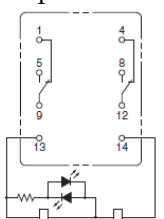
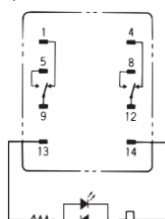
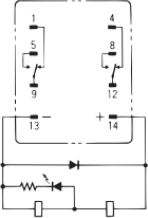
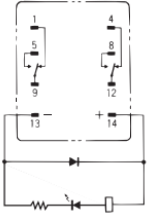
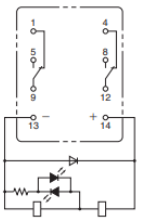
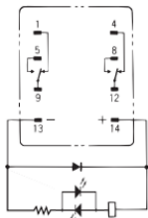
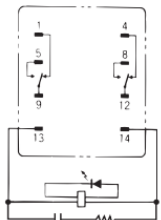
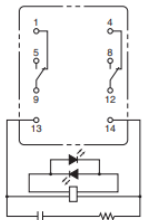
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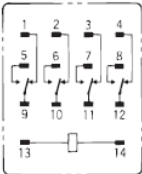
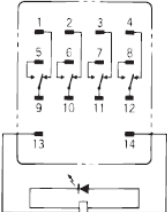
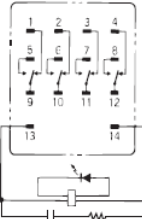
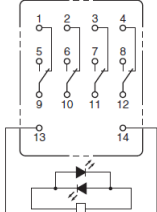
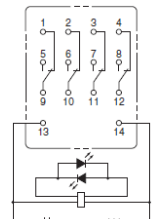
Product discontinuation Model MY-GS series	Recommendable replacement Model MY-GS-R series
No difference	

[Dimensions]

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

[Wire connection]

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

Product discontinuation Model MY-GS	Recommendable replacement Model MY-GS-R
MY4-GS Series MY4-GS  (The coil has no polarity.) MY4□N-GS  AC Models (The coil has no polarity.) DC Models (except 220 VDC) (The coil has polarity.) DC Models (for 220 VDC) (The coil has polarity.) MY4□N-D2-GS DC Models (except 220 VDC) (The coil has polarity.) DC Models (for 220 VDC) (The coil has polarity.) MY4□N-CR-GS AC Models  (The coil has no polarity.)	MY4-GS-R Series MY4-GS-R Same as Left MY4□N-GS-R  AC Models (The coil has no polarity.) DC Models (except 220 VDC) (The coil has no polarity.) DC Models (for 220 VDC) (The coil has no polarity.) MY4□N-D2-GS-R DC Models (except 220 VDC) (The coil has polarity.) DC Models (for 220 VDC) (The coil has polarity.) MY4□N-CR-GS-R AC Models  (The coil has no polarity.)

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
No difference	

[Operation methods]

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

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.