

<< REQUEST >>

There was modification of Product News DRAFT 20230306_DOP_00001 of Month Year issue.
What we have changed is as follows; Addition of another rated load characteristic of MY4-GS-R.
Please abolish old edition, replace the latest.

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, 2024*

This discontinuation date (March 2024) is applicable ONLY for EUROPE

[Date of The Last Shipping]

The end of June, 2024

[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(S) series	*	**	**	**	*	*	**

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

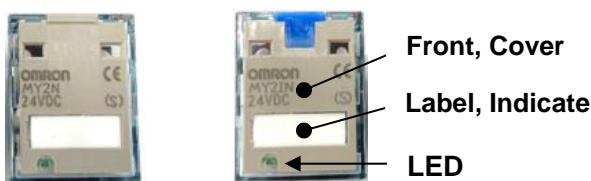

Product discontinuation	Recommended replacement
MY2 AC110/120 (S)	MY2-GS-R AC110/120
MY2 AC12 (S)	MY2-GS-R AC12
MY2 AC220/240 (S)	MY2-GS-R AC220/240
MY2 AC24 (S)	MY2-GS-R AC24
MY2 AC48/50 (S)	MY2-GS-R AC48
MY2 AC6 (S)	No recommended replacement
MY2 DC100/110 (S)	MY2-GS-R DC100/110
MY2 DC12 (S)	MY2-GS-R DC12
MY2 DC24 (S)	MY2-GS-R DC24
MY2 DC48 (S)	MY2-GS-R DC48
MY2 DC6 (S)	MY2-GS-R DC6
MY2IN AC100/110 (S)	MY2IN-GS-R AC100/110
MY2IN AC110/120 (S)	MY2IN-GS-R AC110/120

Product discontinuation	Recommended replacement
MY2IN AC12 (S)	MY2IN-GS-R AC12
MY2IN AC200/220 (S)	MY2IN-GS-R AC200/220
MY2IN AC220/240 (S)	MY2IN-GS-R AC220/240
MY2IN AC24 (S)	MY2IN-GS-R AC24
MY2IN AC48/50 (S)	MY2IN-GS-R AC48
MY2IN AC6 (S)	No recommended replacement
MY2IN DC100/110 (S)	MY2IN-GS-R DC100/110
MY2IN DC12 (S)	MY2IN-GS-R DC12
MY2IN DC24 (S)	MY2IN-GS-R DC24
MY2IN DC48 (S)	MY2IN-GS-R DC48
MY2IN DC6 (S)	MY2IN-GS-R DC6
MY2IN-CR AC110/120 (S)	MY2IN-CR-GS-R AC110/120
MY2IN-CR AC220/240 (S)	MY2IN-CR-GS-R AC220/240
MY2IN-CR AC24 (S)	No recommended replacement
MY2IN-D2 DC100/110 (S)	MY2IN-D2-GS-R DC100/110
MY2IN-D2 DC12 (S)	MY2IN-D2-GS-R DC12
MY2IN-D2 DC24 (S)	MY2IN-D2-GS-R DC24
MY2IN-D2 DC48 (S)	MY2IN-D2-GS-R DC48
MY2IN-D2 DC6 (S)	No recommended replacement
MY2IN1 DC100/110 (S)	MY2IN-GS-R DC100/110
MY2IN1 DC12 (S)	MY2IN-GS-R DC12
MY2IN1 DC24 (S)	MY2IN-GS-R DC24
MY2IN1 DC48 (S)	MY2IN-GS-R DC48
MY2IN1 DC6 (S)	MY2IN-GS-R DC6
MY2N AC100/110 (S)	MY2N-GS-R AC100/110
MY2N AC110/120 (S)	MY2N-GS-R AC110/120
MY2N AC12 (S)	MY2N-GS-R AC12
MY2N AC200/220 (S)	MY2N-GS-R AC200/220
MY2N AC220/240 (S)	MY2N-GS-R AC220/240
MY2N AC24 (S)	MY2N-GS-R AC24
MY2N AC48/50 (S)	MY2N-GS-R AC48
MY2N AC6 (S)	No recommended replacement
MY2N DC100/110 (S)	MY2N-GS-R DC100/110
MY2N DC12 (S)	MY2N-GS-R DC12
MY2N DC24 (S)	MY2N-GS-R DC24
MY2N DC48 (S)	MY2N-GS-R DC48
MY2N DC6 (S)	MY2N-GS-R DC6
MY2N-CR AC110/120 (S)	MY2N-CR-GS-R AC110/120
MY2N-CR AC220/240 (S)	MY2N-CR-GS-R AC220/240
MY2N-D2 DC100/110 (S)	MY2N-D2-GS-R DC100/110
MY2N-D2 DC12 (S)	MY2N-D2-GS-R DC12
MY2N-D2 DC24 (S)	MY2N-D2-GS-R DC24
MY2N-D2 DC48 (S)	MY2N-D2-GS-R DC48
MY2N-D2 DC6 (S)	No recommended replacement
MY2N1 DC100/110 (S)	MY2N-GS-R DC100/110
MY2N1 DC12 (S)	MY2N-GS-R DC12
MY2N1 DC24 (S)	MY2N-GS-R DC24
MY2N1 DC48 (S)	MY2N-GS-R DC48
MY2N1 DC6 (S)	MY2N-GS-R DC6

Product discontinuation	Recommended replacement
MY4 AC110/120 (S)	MY4-GS-R AC110/120
MY4 AC12 (S)	MY4-GS-R AC12
MY4 AC200/220 (S)	MY4-GS-R AC200/220
MY4 AC220/240 (S)	MY4-GS-R AC220/240
MY4 AC24 (S)	MY4-GS-R AC24
MY4 AC48/50 (S)	MY4-GS-R AC48
MY4 AC6 (S)	No recommended replacement
MY4 DC100/110 (S)	MY4-GS-R DC100/110
MY4 DC12 (S)	MY4-GS-R DC12
MY4 DC125 (S)	No recommended replacement
MY4 DC24 (S)	MY4-GS-R DC24
MY4 DC48 (S)	MY4-GS-R DC48
MY4 DC6 (S)	MY4-GS-R DC6
MY4IN AC100/110 (S)	MY4IN-GS-R AC100/110
MY4IN AC12 (S)	MY4IN-GS-R AC12
MY4IN AC200/220 (S)	MY4IN-GS-R AC200/220
MY4IN AC220/240 (S)	MY4IN-GS-R AC220/240
MY4IN AC24 (S)	MY4IN-GS-R AC24
MY4IN AC48/50 (S)	MY4IN-GS-R AC48
MY4IN AC6 (S)	No recommended replacement
MY4IN DC100/110 (S)	MY4IN-GS-R DC100/110
MY4IN DC12 (S)	MY4IN-GS-R DC12
MY4IN DC125 (S)	No recommended replacement
MY4IN DC24 (S)	MY4IN-GS-R DC24
MY4IN DC48 (S)	MY4IN-GS-R DC48
MY4IN DC6 (S)	MY4IN-GS-R DC6
MY4IN-CR AC100/110 (S)	MY4IN-CR-GS-R AC100/110
MY4IN-CR AC200/220 (S)	MY4IN-CR-GS-R AC200/220
MY4IN-D2 DC12 (S)	MY4IN-D2-GS-R DC12
MY4IN-D2 DC24 (S)	MY4IN-D2-GS-R DC24
MY4IN-D2 DC48 (S)	MY4IN-D2-GS-R DC48
MY4IN1 DC100/110 (S)	MY4IN-GS-R DC100/110
MY4IN1 DC12 (S)	MY4IN-GS-R DC12
MY4IN1 DC24 (S)	MY4IN-GS-R DC24
MY4IN1 DC48 (S)	MY4IN-GS-R DC48
MY4IN1 DC6 (S)	MY4IN-GS-R DC6
MY4N AC100/110 (S)	MY4N-GS-R AC100/110
MY4N AC110/120 (S)	MY4N-GS-R AC110/120
MY4N AC12 (S)	MY4N-GS-R AC12
MY4N AC200/220 (S)	MY4N-GS-R AC200/220
MY4N AC220/240 (S)	MY4N-GS-R AC220/240
MY4N AC24 (S)	MY4N-GS-R AC24
MY4N AC48/50 (S)	MY4N-GS-R AC48
MY4N AC6 (S)	No recommended replacement
MY4N DC100/110 (S)	MY4N-GS-R DC100/110
MY4N DC12 (S)	MY4N-GS-R DC12
MY4N DC125 (S)	No recommended replacement
MY4N DC24 (S)	MY4N-GS-R DC24
MY4N DC48 (S)	MY4N-GS-R DC48

Product discontinuation	Recommended replacement
MY4N DC6 (S)	MY4N-GS-R DC6
MY4N-CR AC100/110 (S)	MY4N-CR-GS-R AC100/110
MY4N-CR AC110/120 (S)	MY4N-CR-GS-R AC110/120
MY4N-CR AC200/220 (S)	MY4N-CR-GS-R AC200/220
MY4N-CR AC220/240 (S)	MY4N-CR-GS-R AC220/240
MY4N-CR AC24 (S)	No recommended replacement
MY4N-D2 DC100/110 (S)	MY4N-D2-GS-R DC100/110
MY4N-D2 DC12 (S)	MY4N-D2-GS-R DC12
MY4N-D2 DC24 (S)	MY4N-D2-GS-R DC24
MY4N-D2 DC48 (S)	MY4N-D2-GS-R DC48
MY4N-D2 DC6 (S)	No recommended replacement
MY4N1 DC100/110 (S)	MY4N-GS-R DC100/110
MY4N1 DC12 (S)	MY4N-GS-R DC12
MY4N1 DC24 (S)	MY4N-GS-R DC24
MY4N1 DC48 (S)	MY4N-GS-R DC48
MY4N1 DC6 (S)	MY4N-GS-R DC6

[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[(I)N] series MY[(I)N] series</p>	<p>Cover color, Appearance MY[(N)N-GS-R] series : CLEAR MY[(I)N-GS-R] series : GRAY</p>  <p>MY[(N)N-GS-R] series MY[(I)N-GS-R] series</p> <p>Front, cover is not equipped for MY[(N)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	

Product discontinuation Model MY(S) series	Recommendable replacement Model MY-GS-R series

[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 (Electrical endurance)	3 A at 250 VAC 3 A at 30 VDC (200,000 operations min.)	3 A at 220 VAC 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. Max. voltage: 110% Power consumption(AC): Approx. 0.9 to 1.3VA (60 Hz) Power consumption(DC): Approx. 0.9 W	Operation ratings Must operate: 80% max. Must release(AC): 30% min. Must release(DC): 10% min. 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; width: fit-content; margin: 0 auto; 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.