

NEW

OMRON

Miniature Power Relays

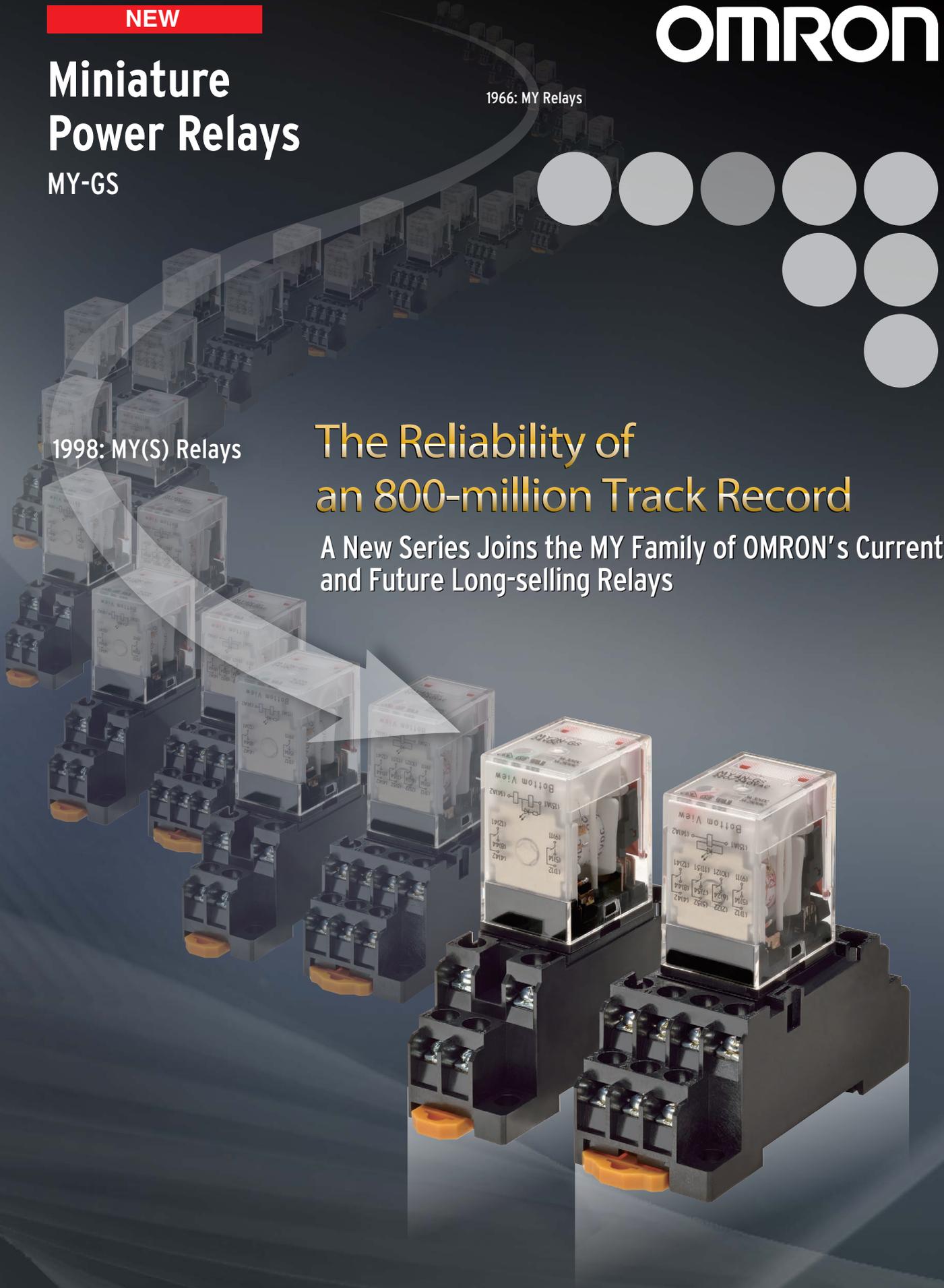
MY-GS

1966: MY Relays

1998: MY(S) Relays

The Reliability of an 800-million Track Record

A New Series Joins the MY Family of OMRON's Current
and Future Long-selling Relays



realizing

First appearing in 1966, over 800 million MY-series Relays had been manufactured by 2012.
The MY Series grew to meet the needs of the day, and will continue to meet your needs in the future.

Easier to See, Easier to Use

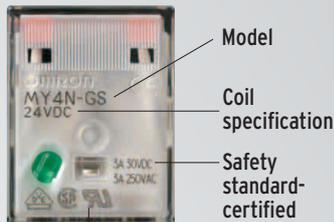
OMRON insists on inhouse production from component molds to manufacturing facilities to better meet your needs.

Easily Accessible Information!

Product Information at a Glance

The model, specifications, and safety standards are all provided on the top surface.

You can check this information while the Relay is mounted in the Socket.



Safety standard marks

Contact Status at a Glance

Mechanical indicators are now a standard feature so that you know the contact operating status even for standard models.

Standard Models



Models with Operation Indicators



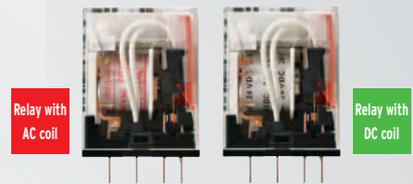
Different Looks for Different Specifications

To prevent incorrectly using the Relays, we've made it easy to tell the difference between Relays with different specifications.

The color of the operation indicator (LED) shows whether the coil voltage is AC or DC.



The voltage specification is also shown by the coil tape.



Reliable Application!

High Durability

High Electrical Durability
Helps reduce the maintenance frequency.

Two-pole Relay: 500,000 operations
Four-pole Relay: 200,000 operations

Note. For switching the rated load.

Refer to the datasheet for details.



Wide Ambient Operating Temperature
Reliable application is possible for high-density mounting and in cold locations.

Ambient operating temperature:
-55 to 70°C



High Shock Resistance
Reduces malfunctions for unexpected external shocks.

Malfunction shock resistance: 20G



New Design Stable Quality in Automatic Manufacturing

We took 50 years of manufacturing experience and designed market needs into design and production.

Examples: Connection reliability was achieved with welding and one-piece molding while stable quality was achieved in automatic manufacturing.



There are reasons people continue to choose the MY Series.

The MY Series provides a wide variety of models to ensure that we have just the right model for you.

■ MY-series Product Lineup

Relays That Enable Checking Circuits before Power Application MY(S) Relays with Latching Levers

Latching lever operating method

Normal State




Mode 1: Momentary State



Yellow button

You can slide the lever one step and press the yellow button with an insulated tool to operate the contacts.

Mode 2: Locked State

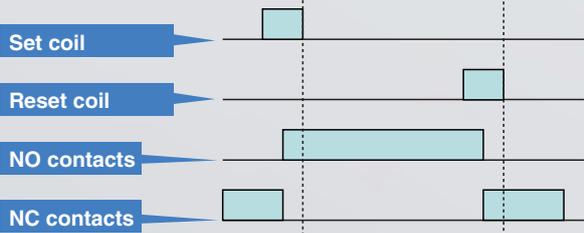


If you slide the lever two steps, the contacts lock in the operation position.



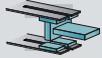
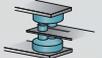
Relays That Latch Contacts in the Operation Position MYK Latching Relays

● Operation Chart





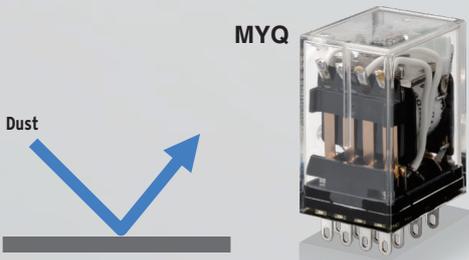
Relays That Dependably Control Small Loads MY4Z Relays with Bifurcated Contacts
MY4Z-CBG Relays with Bifurcated Crossbar Contacts

Reliability	Contact structure	
High ↑	Bifurcated crossbar contacts with Au cladding	
	Bifurcated contacts with Au plating	
	Single contacts with Au plating	

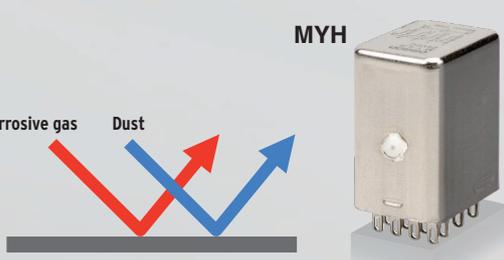


Relays for Locations with Corrosive Gas or Excessive Dust MYQ Plastic Sealed Relays
MYH Hermetically Sealed Relays

MYQ



MYH



⇒ Refer to the group catalog or your OMRON website for details.

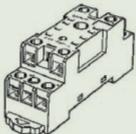
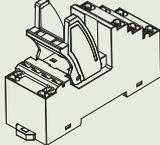
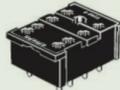
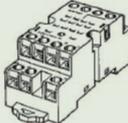
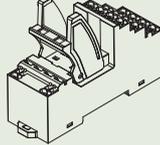
Ordering Information

List of Models

Classification	Contact configuration	Model	Rated voltage (V)
Standard models	DPDT	MY2-GS	12 VAC, 24 VAC, 48 VAC, 100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC 6 VDC, 12 VDC, 24 VDC, 48 VDC, 100/110 VDC
	4PDT	MY4-GS	12 VAC, 24 VAC, 48 VAC, 100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC 6 VDC, 12 VDC, 24 VDC, 48 VDC, 100/110 VDC
Models with built-in operation indicators	DPDT	MY2N-GS	12 VAC, 24 VAC, 48 VAC, 100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC 6 VDC, 12 VDC, 24 VDC, 48 VDC, 100/110 VDC, 220 VDC
	4PDT	MY4N-GS	12 VAC, 24 VAC, 48 VAC, 100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC 6 VDC, 12 VDC, 24 VDC, 48 VDC, 100/110 VDC, 220 VDC
Models with built-in diodes and operation indicators	DPDT	MY2N-D2-GS	12 VDC, 24 VDC, 48 VDC, 100/110 VDC, 220 VDC
	4PDT	MY4N-D2-GS	
Models with built-in CR circuits and operation indicators	DPDT	MY2N-CR-GS	100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC
	4PDT	MY4N-CR-GS	

Accessories (Order Separately)

Connection Sockets and Hold-down Clips

Mounting	Front-mounting Sockets		Back-mounting Sockets	
	DIN Track or screw mounting		PCB mounting	
Wiring	Screw connections		Push-In Plus terminal blocks	
			Soldered connections	
MY2-GS MY2N-GS	PYF08A-E 	PYF08A-N 	PYF-08-PU 	PY08-02 
	PYF14A-E 	PYF14A-N 	PYF-14-PU 	PY14-02 
Hold-down Clips	PYC-A1		Socket combination	PYC-P

OMRON Corporation Industrial Automation Company
Kyoto, JAPAN

Contact: www.ia.omron.com

OMRON (CHINA) CO., LTD.
Room 2211, Bank of China Tower,
200 Yin Cheng Zhong Road,
PuDong New Area, Shanghai, 200120, China
Tel: (86) 21-5037-2222/Fax: (86) 21-5037-2200

OMRON ASIA PACIFIC PTE. LTD.
No. 438A Alexandra Road # 05-05/08(Lobby 2),
Alexandra Technopark, Singapore 119967
Tel: 65-6835-3011/Fax: 65-6835-2711

OMRON TAIWAN ELECTRONICS INC.
6F, Home Young Bldg., No.363,
Fu-Shing N.Road, Taipei, Taiwan R.O.C.
Tel: (886) 2-2715-3331/Fax: (886) 2-2712-6712

Authorized Distributor:

© OMRON Corporation 2014-2016 All Rights Reserved.
In the interest of product improvement,
specifications are subject to change without notice.

CSM_2_1_0416

Cat. No. J196-E1-02

0416(0414)