

NO: REL-148  
DATE: November 2014

PRODUCT: G5LA Series PCB Power Relay  
TYPE: **Discontinuation** Notice

**G5LA PCB Power Relays to be DISCONTINUED**

**April 30, 2015**

Based upon a diminishing global demand for the **G5LA** series PCB Power Relay, OMRON will discontinue **ALL** G5LA models at the end of April 2015. Omron recommends consideration of the **G5Q** or **G5NB-1A4-EL-HA** PCB Power Relays for **new** designs. Therefore, please carefully read through and note the differences. The following details will fully explain the discontinuation and replacement considerations; should you have any additional questions, however, please communicate with Relay Product Manager.

**Product Discontinuation**

PCB Power Relays



**Model G5LA Series**  
**Model G5LA-1A Series DC12,24**

**Suggested Replacement for NEW designs**

PCB Power Relays



**Model G5Q Series**  
**Model G5Q-1A Series DC12,24**  
**Model G5NB-1A4-EL-HA**

**NOTE:** For **existing** designs that require a compatible PCB Layout, please see "**G5LxG5LE-comparison.pdf**" for a comparison of **G5LA** to **G5LE** specifications and part numbers.

**LAST Order date (Last Time Buy Date)**

**April 30, 2015**

**Last Factory Shipment date**

**September 30, 2015**

Final shipment of the G5LA, from our factory, will occur by September 30, 2015, if ordered by the 'last time buy' date.

**Caution on recommended replacement:**

There are some differences (Dimensions, Wire connection, Mounting Dimensions,).  
Therefore, please re-evaluate adequacy with applications.

**G5Q and G5NB-1A4-EL-HA - - Difference from discontinued product:**

Recommended replacement Model For <b>New</b> Designs (See Note)	Body Color	Dimen -sions	Wire connection	Mounting Dimensions	Charact -eristics	Operation ratings	Operation methods
<b>Model G5Q series</b>	**	--	--	--	*	*	**
<b>Model G5NB-1A4-EL-HA</b>	--	--	--	--	*	*	**

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

**NOTE:** Nomenclature for the G5LA, G5Q and G5NB series may or may not include "BY OMZ" or "BY OMZ/C", at the end of the part numbers, within the Omron Computer System. These are factory designations and have no bearing on the specifications.

**\* Sales teams should communicate this discontinuation with their OEM's and CEM's.  
For further technical support and any questions, please communicate with Product Marketing.**

## Discontinued product and recommended replacement:

**NOTE:** Nomenclature for the G5LA, G5Q and G5NB series may or may not include "BY OMZ" or "BY OMZ/C", at the end of the part numbers, within the Omron Computer System.

Discontinued product	Suggested replacement
G5LA-1-SP DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-SP DC12 BY OMZ	G5Q-1 DC12 BY OMZ
G5LA-1-HA-SP DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-HA-SP DC12 BY OMZ	G5Q-1 DC12 BY OMZ
G5LA-1-HA DC24 BY OMZ/C	G5Q-1 DC24 BY OMZ/C
G5LA-1-HA DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-HA DC12 BY OMZ/C	G5Q-1 DC12 BY OMZ/C
G5LA-1-HA DC12 BY OMZ	G5Q-1 DC12 BY OMZ
G5LA-1-E-CF-SP1 DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E-CF-SP DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E-CF-HA-SP1 DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E-CF-HA-SP DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E-CF-HA DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E-CF DC9 BY OMZ	G5Q-1-EU DC9 BY OMZ
G5LA-1-E-CF DC5 BY OMZ	G5Q-1-EU DC5 BY OMZ
G5LA-1-E-CF DC48 BY OMZ	No Recommended Replacement
G5LA-1-E-CF DC24 BY OMZ	G5Q-1-EU DC24 BY OMZ
G5LA-1-E-CF DC12 BY OMZ/C	G5Q-1-EU DC12 BY OMZ/C
G5LA-1-E-CF DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-E DC9 BY OMZ	G5Q-1-EU DC9 BY OMZ
G5LA-1-E DC5 BY OMZ	G5Q-1-EU DC5 BY OMZ
G5LA-1-E DC48 BY OMZ	No Recommended Replacement
G5LA-1-E DC24 BY OMZ/C	G5Q-1-EU DC24 BY OMZ/C
G5LA-1-E DC24 BY OMZ	G5Q-1-EU DC24 BY OMZ
G5LA-1-E DC12 BY OMZ	G5Q-1-EU DC12 BY OMZ
G5LA-1-CF-HA-SP1 DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-CF-HA DC24 BY OMZ/C	G5Q-1 DC24 BY OMZ/C
G5LA-1-CF-HA DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-CF-HA DC12 BY OMZ/C	G5Q-1 DC12 BY OMZ/C
G5LA-1-CF-HA DC12 BY OMZ	G5Q-1 DC12 BY OMZ
G5LA-1-CF DC9 BY OMZ/C	G5Q-1 DC9 BY OMZ/C
G5LA-1-CF DC9 BY OMZ	G5Q-1 DC9 BY OMZ
G5LA-1-CF DC5 BY OMZ/C	G5Q-1 DC5 BY OMZ/C
G5LA-1-CF DC5 BY OMZ	G5Q-1 DC5 BY OMZ
G5LA-1-CF DC48 BY OMZ/C	No Recommended Replacement
G5LA-1-CF DC48 BY OMZ	G5Q-1 DC48 BY OMZ
G5LA-1-CF DC24 BY OMZ/C	G5Q-1 DC24 BY OMZ/C
G5LA-1-CF DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1-CF DC12 BY OMZ/C	G5Q-1 DC12 BY OMZ/C
G5LA-1-CF DC12 BY OMZ	G5Q-1 DC12 BY OMZ
G5LA-1A-SP DC24 BY OMZ	G5Q-1A DC24 BY OMZ G5NB-1A4-EL-HA DC24

Discontinued product	Suggested replacement
G5LA-1A-SP DC12 BY OMZ	G5Q-1A DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-1A-HA-SP DC12 BY OMZ	G5Q-1A DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-1A-CF DC9 BY OMZ/C	G5Q-1A DC9 BY OMZ/C
G5LA-1A-CF DC9 BY OMZ	G5Q-1A DC9 BY OMZ
G5LA-1A-CF DC5 BY OMZ/C	G5Q-1A DC5 BY OMZ/C
G5LA-1A-CF DC5 BY OMZ	G5Q-1A DC5 BY OMZ
G5LA-1A-CF DC48 BY OMZ/C	No Recommended Replacement
G5LA-1A-CF DC48 BY OMZ	G5Q-1A DC48 BY OMZ
G5LA-1A-CF DC24 BY OMZ/C	G5Q-1A DC24 BY OMZ/C
	G5NB-1A4-EL-HA DC24
G5LA-1A-CF DC24 BY OMZ	G5Q-1A DC24 BY OMZ
	G5NB-1A4-EL-HA DC24
G5LA-1A-CF DC12 BY OMZ/C	G5Q-1A DC12 BY OMZ/C
	G5NB-1A4-EL-HA DC12
G5LA-1A-CF DC12 BY OMZ	G5Q-1A DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-1A4-CF DC9 BY OMZ/C	G5Q-1A4 DC9 BY OMZ/C
G5LA-1A4-CF DC9 BY OMZ	G5Q-1A4 DC9 BY OMZ
G5LA-1A4-CF DC5 BY OMZ/C	G5Q-1A4 DC5 BY OMZ/C
G5LA-1A4-CF DC5 BY OMZ	G5Q-1A4 DC5 BY OMZ
G5LA-1A4-CF DC48 BY OMZ/C	No Recommended Replacement
G5LA-1A4-CF DC48 BY OMZ	G5Q-1A4 DC48 BY OMZ
G5LA-1A4-CF DC24 BY OMZ/C	G5Q-1A4 DC24 BY OMZ/C
	G5NB-1A4-EL-HA DC24
G5LA-1A4-CF DC24 BY OMZ	G5Q-1A4 DC24 BY OMZ
	G5NB-1A4-EL-HA DC24
G5LA-1A4-CF DC12 BY OMZ/C	G5Q-1A4 DC12 BY OMZ/C
	G5NB-1A4-EL-HA DC12
G5LA-1A4-CF DC12 BY OMZ	G5Q-1A4 DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-1A4 DC9 BY OMZ/C	G5Q-1A4 DC9 BY OMZ/C
G5LA-1A4 DC9 BY OMZ	G5Q-1A4 DC9 BY OMZ
G5LA-1A4 DC5 BY OMZ/C	G5Q-1A4 DC5 BY OMZ/C
G5LA-1A4 DC5 BY OMZ	G5Q-1A4 DC5 BY OMZ
G5LA-1A4 DC48 BY OMZ/C	No Recommended Replacement
G5LA-1A4 DC48 BY OMZ	G5Q-1A4 DC48 BY OMZ
G5LA-1A4 DC36 BY OMZ	No Recommended Replacement
G5LA-1A4 DC24 BY OMZ/C	G5Q-1A4 DC24 BY OMZ/C
	G5NB-1A4-EL-HA DC24
G5LA-1A4 DC24 BY OMZ	G5Q-1A4 DC24 BY OMZ
	G5NB-1A4-EL-HA DC24
G5LA-1A4 DC12 BY OMZ/C	G5Q-1A4 DC12 BY OMZ/C
	G5NB-1A4-EL-HA DC12

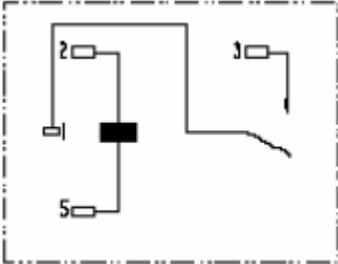
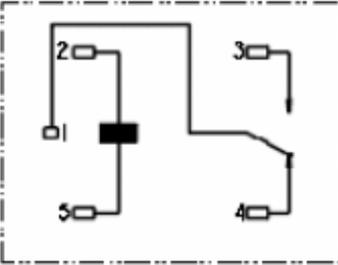
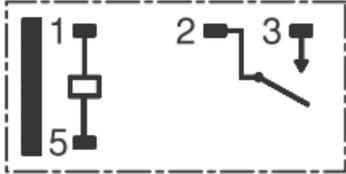
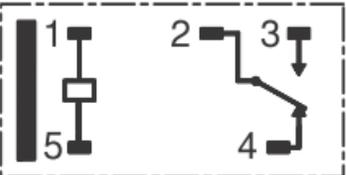
Discontinued product	Suggested replacement
G5LA-1A4 DC12 BY OMZ	G5Q-1A4 DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-1A DC9 BY OMZ/C	G5Q-1A DC9 BY OMZ/C
G5LA-1A DC9 BY OMZ	G5Q-1A DC9 BY OMZ
G5LA-1A DC5 BY OMZ/C	G5Q-1A DC5 BY OMZ/C
G5LA-1A DC5 BY OMZ	G5Q-1A DC5 BY OMZ
G5LA-1A DC48 BY OMZ/C	No Recommended Replacement
G5LA-1A DC48 BY OMZ	G5Q-1A DC48 BY OMZ
G5LA-1A DC24 BY OMZ/C	G5Q-1A DC24 BY OMZ/C
	G5NB-1A4-EL-HA DC24
G5LA-1A DC24 BY OMZ	G5Q-1A DC24 BY OMZ
	G5NB-1A4-EL-HA DC24
G5LA-1A DC18 BY OMZ	G5Q-1A DC18 BY OMZ
G5LA-1A DC12 BY OMZ/C	G5Q-1A DC12 BY OMZ/C
	G5NB-1A4-EL-HA DC12
G5LA-1A DC12 BY OMZ	G5Q-1A DC12 BY OMZ
	G5NB-1A4-EL-HA DC12
G5LA-14-SP DC12 BY OMZ/C	G5Q-14 DC12 BY OMZ/C
G5LA-14-SP DC12 BY OMZ	G5Q-14 DC12 BY OMZ
G5LA-14-E-CF DC9 BY OMZ	G5Q-14-EU DC9 BY OMZ
G5LA-14-E-CF DC5 BY OMZ	G5Q-14-EU DC5 BY OMZ
G5LA-14-E-CF DC48 BY OMZ	No Recommended Replacement
G5LA-14-E-CF DC24 BY OMZ	G5Q-14-EU DC24 BY OMZ
G5LA-14-E-CF DC12 BY OMZ	G5Q-14-EU DC12 BY OMZ
G5LA-14-E DC9 BY OMZ	G5Q-14-EU DC9 BY OMZ
G5LA-14-E DC5 BY OMZ	G5Q-14-EU DC5 BY OMZ
G5LA-14-E DC48 BY OMZ	No Recommended Replacement
G5LA-14-E DC24 BY OMZ	G5Q-14-EU DC24 BY OMZ
G5LA-14-E DC12 BY OMZ/C	G5Q-14-EU DC12 BY OMZ/C
G5LA-14-E DC12 BY OMZ	G5Q-14-EU DC12 BY OMZ
G5LA-14-CF DC9 BY OMZ/C	G5Q-14 DC9 BY OMZ/C
G5LA-14-CF DC9 BY OMZ	G5Q-14 DC9 BY OMZ
G5LA-14-CF DC5 BY OMZ/C	G5Q-14 DC5 BY OMZ/C
G5LA-14-CF DC5 BY OMZ	G5Q-14 DC5 BY OMZ
G5LA-14-CF DC48 BY OMZ/C	G5Q-14-DC48 BY OMZ/C
G5LA-14-CF DC48 BY OMZ	G5Q-14 DC48 BY OMZ
G5LA-14-CF DC24 BY OMZ/C	G5Q-14-DC24 BY OMZ/C
G5LA-14-CF DC24 BY OMZ	G5Q-14 DC24 BY OMZ
G5LA-14-CF DC12 BY OMZ/C	G5Q-14-DC12 BY OMZ/C
G5LA-14-CF DC12 BY OMZ	G5Q-14 DC12 BY OMZ
G5LA-14-AP DC9 BY OMZ	G5Q-14 DC9 BY OMZ
G5LA-14-AP DC5 BY OMZ	G5Q-14 DC5 BY OMZ
G5LA-14-AP DC24 BY OMZ	G5Q-14 DC24 BY OMZ
G5LA-14-AP DC12 BY OMZ	G5Q-14 DC12 BY OMZ
G5LA-14 DC9 BY OMZ/C	G5Q-14 DC9 BY OMZ/C

Discontinued product	Suggested replacement
G5LA-14 DC9 BY OMZ	G5Q-14 DC9 BY OMZ
G5LA-14 DC6 BY OMZ	No Recommended Replacement
G5LA-14 DC5 BY OMZ/C	G5Q-14 DC5 BY OMZ/C
G5LA-14 DC5 BY OMZ	G5Q-14 DC5 BY OMZ
G5LA-14 DC48 BY OMZ/C	G5Q-14 DC48 BY OMZ/C
G5LA-14 DC48 BY OMZ	G5Q-14 DC48 BY OMZ
G5LA-14 DC24 BY OMZ/C	G5Q-14 DC24 BY OMZ/C
G5LA-14 DC24 BY OMZ	G5Q-14 DC24 BY OMZ
G5LA-14 DC18 BY OMZ	G5Q-14 DC18 BY OMZ
G5LA-14 DC12 BY OMZ/C	G5Q-14 DC12 BY OMZ/C
G5LA-14 DC12 BY OMZ	G5Q-14 DC12 BY OMZ
G5LA-1 DC9 BY OMZ/C	G5Q-1 DC9 BY OMZ/C
G5LA-1 DC9 BY OMZ	G5Q-1 DC9 BY OMZ
G5LA-1 DC5 BY OMZ/C	G5Q-1 DC5 BY OMZ/C
G5LA-1 DC5 BY OMZ	G5Q-1 DC5 BY OMZ
G5LA-1 DC48 BY OMZ/C	No Recommended Replacement
G5LA-1 DC48 BY OMZ	G5Q-1 DC48 BY OMZ
G5LA-1 DC24 BY OMZ/C	G5Q-1 DC24 BY OMZ/C
G5LA-1 DC24 BY OMZ	G5Q-1 DC24 BY OMZ
G5LA-1 DC12 BY OMZ/C	G5Q-1 DC12 BY OMZ/C
G5LA-1 DC12 BY OMZ	G5Q-1 DC12 BY OMZ

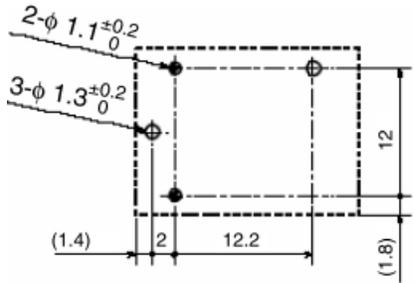
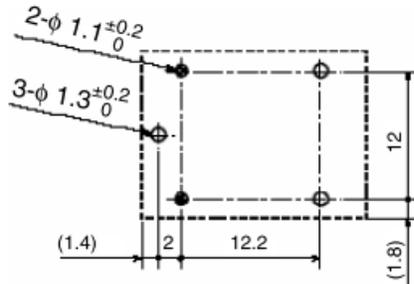
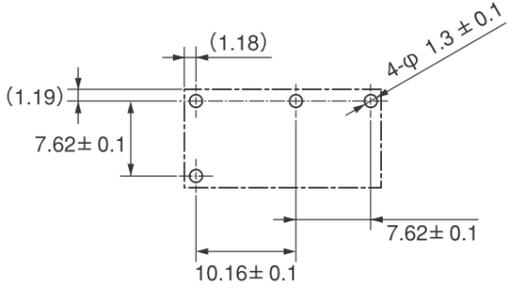
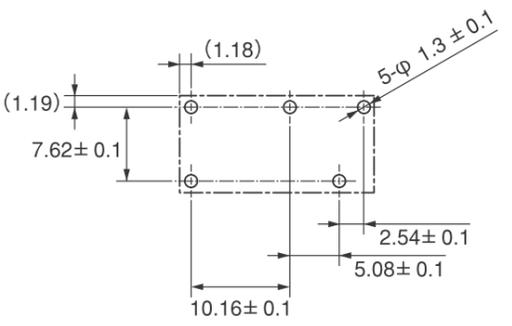
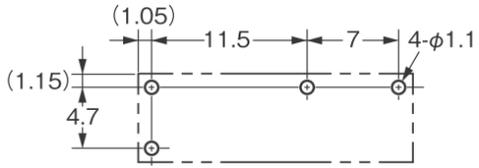
**Body color:**

Discontinued Product Model G5LA Series	Suggested Replacement Model G5Q Series, G5NB-1A4-EL-HA
<p><b>Black</b></p> 	<p><b>Model G5Q: Black</b></p>  <p><b>Model G5NB-1A4-EL-HA: White</b></p> 

**Wire connection:**

Discontinued Product Model G5LA Series	Suggested Replacement Model G5Q Series, G5NB-1A4-EL-HA
<p><b>Model G5LA series</b> (BOTTOM VIEW) (No coil polarity)</p> <p><b>1A Type</b></p>  <p><b>1C Type</b></p> 	<p><b>Model G5Q Series</b> (BOTTOM VIEW) (No coil polarity)</p> <p><b>1A Type</b></p>  <p><b>1C Type</b></p>  <p><b>Model G5NB-1A4-EL-HA</b> (BOTTOM VIEW) (No coil polarity)</p> 

**Mounting dimensions:**

<p style="text-align: center;"><b>Discontinued Product</b> <b>Model G5LA Series</b></p>	<p style="text-align: center;"><b>Suggested Replacement</b> <b>Model G5Q Series, G5NB-1A4-EL-HA</b></p>
<p><b>Model G5LA series</b> (BOTTOM VIEW) Tolerance <math>\pm 0.1\text{mm}</math></p> <p><b>1A Type</b></p>  <p><b>1C Type</b></p> 	<p><b>Model G5Q Series</b> (BOTTOM VIEW) Tolerance <math>\pm 0.1\text{mm}</math></p> <p><b>1A Type</b></p>  <p><b>1C Type</b></p>  <p><b>Model G5NB-1A4-EL-HA</b> (BOTTOM VIEW) Tolerance <math>\pm 0.1\text{mm}</math></p> 

**Dimensions:**

<p style="text-align: center;"><b>Discontinued Product</b> <b>Model G5LA Series</b></p>	<p style="text-align: center;"><b>Suggested Replacement</b> <b>Model G5Q Series, G5NB-1A4-EL-HA</b></p>
<p><b>Model G5LA series</b></p> <p><b>1A Type</b></p> <p style="text-align: center;">*Average value</p> <p><b>1C Type</b></p> <p style="text-align: center;">*Average value</p>	<p><b>Model G5Q Series</b></p> <p><b>1A Type</b></p> <p><b>1C Type</b></p> <p style="text-align: center;">*Average value</p> <p><b>Model G5NB-1A4-EL-HA</b></p> <p style="text-align: center;">*Average value</p>

**Characteristics / Operation ratings:**

**Coil Ratings**

Model	Rated Voltage (VDC)	Rated current (mA)	Coil resistance ( $\Omega$ )	Must operate voltage	Must release voltage	Rated power consumption (W)	Max voltage
<b>G5LA Series</b>	5	72	69.4	75% max.	10% min.	Approx. 0.36	170% (at 23°C)
	9	40	225				
	12	30	400				
	24	15	1,600			Approx. 0.48	
	48	10	4,800				
<b>G5Q Series (1A type)</b>	5	40	125	75% max.	5% min.	Approx. 0.2	190% (at 23°C)
	9	22.2	405				
	12	16.7	720				
	24	8.3	2,880			Approx. 0.4	
	48	4.1	11,520				
<b>G5Q Series (1C type)</b>	5	80	63	75% max.	5% min.	Approx. 0.4	190% (at 23°C)
	9	44.4	202				
	12	33.3	360				
	24	16.7	1,440				
	48	8.3	5,760				
<b>G5NB-1A4-EL-HA</b>	12	16.7	720	75% max.	10% min.	Approx. 0.2	160% (at 23°C)
	24	8.3	2,880				

Item	Discontinued Product Model G5LA Series			Suggested replacement Model G5Q Series		Suggested replacement Model G5Q-EU Series		Suggested replacement Model G5NB-1A4-EL-HA
<b>Contact Ratings</b>								
<b>Contact Form</b>	1A	1C	High Capacity	1A	1C	1A	1C	1A
<b>Rated load (resistive)</b>	10 A 250 VAC (NO)  10 A 24 VDC (NO)	10 A 250 VAC (NO)  10 A 24 VDC (NO)  5 A 125 VAC (NO/NC)  5 A 24 VDC (NO/NC)	10 A 250 VAC (NO)  10 A 24 VDC (NO)  5 A 250 VAC (NO/NC)  5 A 24 VDC (NO/NC)	10 A 125 VAC  3 A 125 VAC  3 A 250 VAC  5 A 30 VDC	10 A 125 VAC (NO)  3 A 250 VAC (NO)  5 A 30 VDC (NO)  3 A 125 VAC (NC)  3 A 250 VAC (NC)  3 A 30 VDC (NC)	10 A 250 VAC  3 A 250 VAC  3 A 125 VAC  5 A 30 VDC	10 A 250 VAC (NO)  3 A 250 VAC (NO)  5 A 30 VDC (NO)  3 A 250 VDC (NC)  3 A 125 VDC (NC)  3 A 30 VDC (NC)	5 A 250 VAC 7 A 250 VAC  5 A 30 VDC
<b>Rated carry current</b>	10 A	5 A	10 A	10 A (NO) 3 A (NC)		AC: 10 A (NO) 3 A (NC) DC: 5 A (NO) 3 A (NC)		7 A
<b>Max. switching voltage</b>	250 VAC 24 VDC			277 VAC 30 VDC		277 VAC 30 VDC		250 VAC 30 VDC
<b>Max. switching current</b>	10 A	10 A (NO) 5 A (NC)	10 A (NO) 5 A (NC)	AC: 10 A (NO) 3 A (NC) DC: 5 A (NO) 3 A (NC)		AC: 10 A (NO) 3 A (NC) DC: 5 A (NO) 3 A (NC)		AC: 7 A DC: 5 A

Item	Discontinued Product Model G5LA Series	Suggested replacement Model G5Q Series	Suggested replacement Model G5NB-1A4-EL-HA
<b>Characteristics (Initial)</b>			
<b>Contact resistance</b>	100 mΩ max.	100 mΩ max.	100 mΩ max.
<b>Operate time</b>	10 ms max.	10 ms max.	10 ms max.
<b>Release time</b>	5 ms max.	5 ms max.	10 ms max.
<b>Insulation resistance</b>	1,000 MΩ min.	1,000 MΩ min.	1,000 MΩ min.
<b>Dielectric strength</b>	<b>[Coil and contacts]</b> 2,000 VAC 1 min <b>[Contacts of same polarity]</b> 750 VAC 1 min	<b>[Coil and contacts]</b> 4,000 VAC 1 min <b>[Contacts of same polarity]</b> 1,000 VAC 1 min	<b>[Coil and contacts]</b> 4,000 VAC 1 min <b>[Contacts of same polarity]</b> 750 VAC 1 min
<b>Vibration resistance</b>	<b>[Destruction]</b> 10 to 55 Hz, 1.5 mm double amplitude <b>[Malfunction]</b> 10 to 55 Hz, 1.5 mm double amplitude	<b>[Destruction]</b> 10 to 55 Hz, 1.5 mm double amplitude <b>[Malfunction]</b> 10 to 55 Hz, 1.5 mm double amplitude	<b>[Destruction]</b> 10 to 55 Hz, 1.5 mm double amplitude <b>[Malfunction]</b> 10 to 55 Hz, 1.5 mm double amplitude
<b>Shock resistance</b>	<b>[Destruction]</b> 1,000 m/s <sup>2</sup> <b>[Malfunction]</b> 100 m/s <sup>2</sup>	<b>[Destruction]</b> 1,000 m/s <sup>2</sup> <b>[Malfunction]</b> 100 m/s <sup>2</sup>	<b>[Destruction]</b> 1,000 m/s <sup>2</sup> <b>[Malfunction]</b> 100 m/s <sup>2</sup>
<b>Endurance</b>	<b>[Mechanical]</b> 10,000,000 operations min. (18,000 operations/hr)  <b>[Electrical]</b> Rated load: 100,000 operations average. (1,800 operations/hr)	<b>[Mechanical]</b> 10,000,000 operations min. (18,000 operations/hr)  <b>[Electrical]</b> (NO) 10 A 125 VAC 50,000 operations min. (900 operations/hr) 3 A 125 VAC 200,000 operations min. (1,800 operations/hr) 3 A 250 VAC 100,000 operations min. (1,800 operations/hr) 5 A 30 VDC 100,000 operations min. (1,800 operations/hr) 10 A 250 VAC (G5Q-EU only) 25,000 operations min. (900 operations/hr) (NC) 3 A 125 VAC 200,000 operations min. (1,800 operations/hr) 3 A 250 VAC 100,000 operations min. (1,800 operations/hr) 3 A 30 VDC 100,000 operations min. (1,800 operations/hr)	<b>[Mechanical]</b> 5,000,000 operations min. (18,000 operations/hr)  <b>[Electrical]</b> 5 A 250 VAC 200,000 operations min. (900 operations/hr) 7 A 250 VAC 50,000 operations min. (900 operations/hr) 5 A 30 VDC 100,000 operations min. (900 operations/hr)
<b>Ambient temperature</b>	-40°C to +85°C (with no icing)	-40°C to 105°C (with no icing) -40°C to 85°C (with no icing) (G5Q-EU type only)	-40°C to +85°C (with no icing)
<b>Ambient humidity</b>	5 to 85%RH	5 to 85%RH	5 to 85%RH
<b>Weight</b>	7.5 g	6.5 g	4 g

**Operation methods:**

<b>Discontinued Product Model G5LA Series</b>	<b>Suggested Replacement Model G5Q Series, G5NB-1A4-EL-HA</b>
<div data-bbox="604 243 922 294" style="border: 1px solid black; padding: 5px; display: inline-block;">No difference</div>	

Specifications 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.