OMRON

PRODUCT NEWS

Product Discontinuation Notices

Issue Date
December 12, 2025

20251210_DOP_00003

NOTE:
This PCN is intended for use exclusively in EUROPE, Middle East and Africa.

Product Discontinuation

Signal Relay

G6E series

Recommended Replacement

Signal Relay

G6S series

[Final order entry date]

The end of March, 2027

[Date of The Last Shipping]

The end of June, 2027

[Caution on recommended replacement]

Since it is not a directly compatible product, the external dimensions, wiring connections, and mounting dimensions will differ

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charac-teristics	Operation ratings	Operation methods
G6S-2 Series	--	--	--	--	*	*	**
G6SU-2 Series	--	--	--	--	*	*	**
G6SK-2 Series	--	--	--	--	*	*	**

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

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
G6E-134C-US DC12	G6S-2 DC12
G6E-134C-US DC24	G6S-2 DC24
G6E-134C-US DC5	G6S-2 DC5
G6E-134P-ST-US DC12	G6S-2 DC12
G6E-134P-ST-US DC24	G6S-2 DC24
G6E-134P-ST-US DC3	G6S-2 DC3
G6E-134P-ST-US DC48	G6S-2 DC48
G6E-134P-ST-US DC5	G6S-2 DC5
G6E-134P-ST-US DC6	G6S-2 DC6
G6E-134P-ST-US DC9	G6S-2 DC9
G6E-134P-US DC12	G6S-2 DC12
G6E-134P-US DC24	G6S-2 DC24

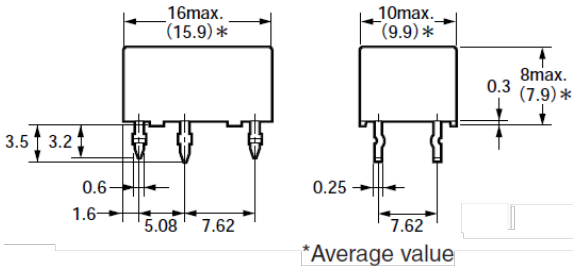
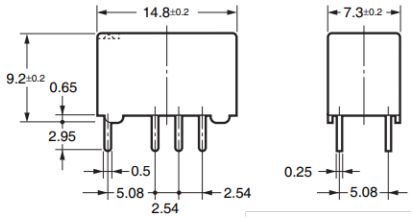
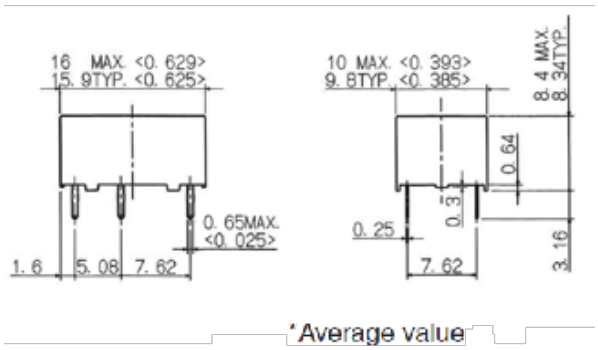
Product discontinuation	Recommended replacement
G6E-134P-US DC3	G6S-2 DC3
G6E-134P-US DC48	G6S-2 DC48
G6E-134P-US DC5	G6S-2 DC5
G6E-134P-US DC6	G6S-2 DC6
G6E-134P-US DC9	G6S-2 DC9
G6E-134P-US-U DC12	G6S-2 DC12
G6E-134P-US-U DC24	G6S-2 DC24
G6E-134P-US-U DC48	G6S-2 DC48
G6E-134P-US-U DC5	G6S-2 DC5
G6E-134P-US-U DC6	G6S-2 DC6
G6E-134P-US-U DC9	G6S-2 DC9
G6E-134PL-ST-US DC12	G6S-2 DC12
G6E-134PL-ST-US DC24	G6S-2 DC24
G6E-134PL-ST-US DC3	G6S-2 DC3
G6E-134PL-ST-US DC5	G6S-2 DC5
G6E-134PL-ST-US DC9	G6S-2 DC9
G6E-134PL-US DC12	G6S-2 DC12
G6E-134PL-US DC24	G6S-2 DC24
G6E-134PL-US DC3	G6S-2 DC3
G6E-134PL-US DC48	G6S-2 DC48
G6E-134PL-US DC5	G6S-2 DC5
G6E-134PL-US DC6	G6S-2 DC6
G6E-134PL-US DC9	G6S-2 DC9
G6E-134PL-US-U DC12	G6S-2 DC12
G6E-134PL-US-U DC24	G6S-2 DC24
G6E-134PL-US-U DC48	G6S-2 DC48
G6E-134PL-US-U DC5	G6S-2 DC5
G6E-194P-US DC12	G6S-2 DC12
G6E-194P-US DC24	G6S-2 DC24
G6E-194P-US DC5	G6S-2 DC5
G6EK-134P-1-US DC12	G6SK-2 DC12
G6EK-134P-1-US DC24	G6SK-2 DC24
G6EK-134P-1-US DC5	G6SK-2 DC5
G6EK-134P-1-US DC9	G6SK-2 DC9
G6EK-134P-ST-US DC1.5	No recommended replacement
G6EK-134P-ST-US DC12	G6SK-2 DC12
G6EK-134P-ST-US DC24	G6SK-2 DC24
G6EK-134P-ST-US DC3	G6SK-2 DC3
G6EK-134P-ST-US DC5	G6SK-2 DC5
G6EK-134P-ST-US DC6	G6SK-2 DC6
G6EK-134P-ST-US DC9	G6SK-2 DC9
G6EK-134P-US DC12	G6SK-2 DC12
G6EK-134P-US DC24	G6SK-2 DC24
G6EK-134P-US DC3	G6SK-2 DC3
G6EK-134P-US DC5	G6SK-2 DC5
G6EK-134P-US DC6	G6SK-2 DC6
G6EK-134P-US DC9	G6SK-2 DC9
G6EK-134P-US-U DC12	G6SK-2 DC12
G6EK-134P-US-U DC24	G6SK-2 DC24

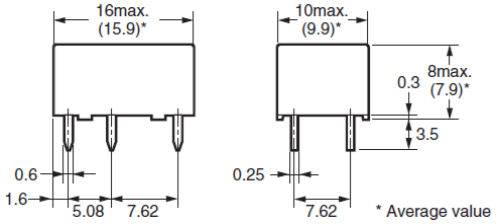
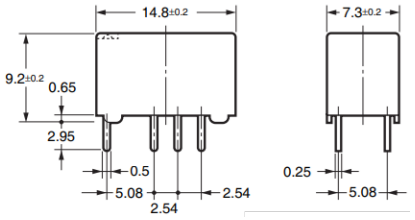
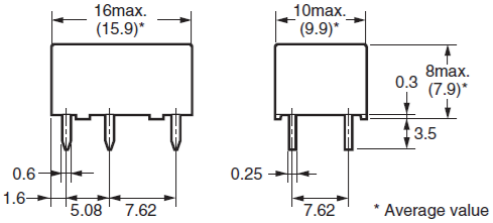
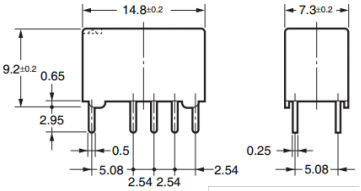
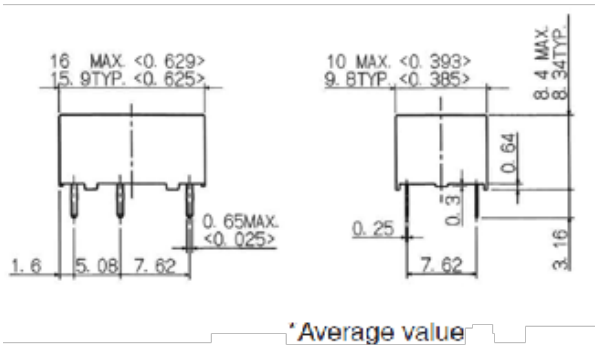
Product discontinuation	Recommended replacement
G6EK-134P-US-U DC3	G6SK-2 DC3
G6EK-134P-US-U DC5	G6SK-2 DC5
G6EK-134PL-1-US DC12	G6SK-2 DC12
G6EK-134PL-ST-US DC12	G6SK-2 DC12
G6EK-134PL-ST-US DC24	G6SK-2 DC24
G6EK-134PL-ST-US DC3	G6SK-2 DC3
G6EK-134PL-ST-US DC5	G6SK-2 DC5
G6EK-134PL-ST-US DC6	G6SK-2 DC6
G6EK-134PL-US DC12	G6SK-2 DC12
G6EK-134PL-US DC24	G6SK-2 DC24
G6EK-134PL-US DC5	G6SK-2 DC5
G6EK-134PL-US DC6	G6SK-2 DC6
G6EU-134P-ST-US DC12	G6SU-2 DC12
G6EU-134P-US DC12	G6SU-2 DC12
G6EU-134P-US DC24	G6SU-2 DC24
G6EU-134P-US DC3	G6SU-2 DC3
G6EU-134P-US DC5	G6SU-2 DC5
G6EU-134P-US DC6	G6SU-2 DC6
G6EU-134P-US DC9	G6SU-2 DC9
G6EU-134P-US-U DC12	G6SU-2 DC12
G6EU-134P-US-U DC3	G6SU-2 DC3
G6EU-134P-US-U DC5	G6SU-2 DC5
G6EU-134PL-US DC12	G6SU-2 DC12
G6EU-134PL-US DC24	G6SU-2 DC24

[Body color]

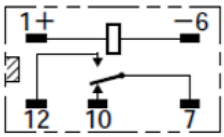
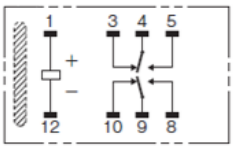
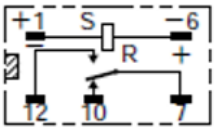
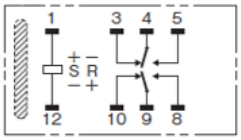
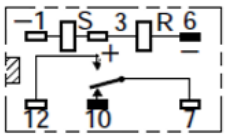
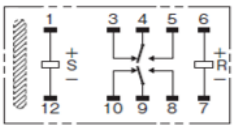
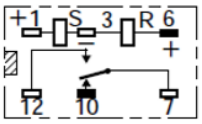
Product discontinuation	Recommendable replacement
G6E-134C-US G6E-134(P,PL)-ST-US G6E-1(3,9)4(P,PL)-US(-U) G6EK-134(P,PL)-(US,1-US,US-U) G6EK-134(P,PL)-ST-US G6EU-134(P,PL)-US(-U)	G6S-2 〃 〃 G6SK-2 〃 G6SU-2
Black	Ivory

[Dimensions]

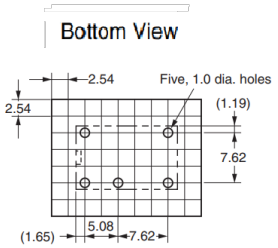
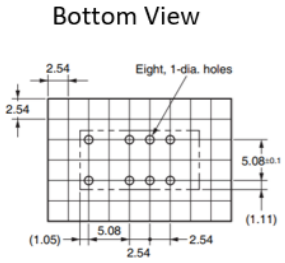
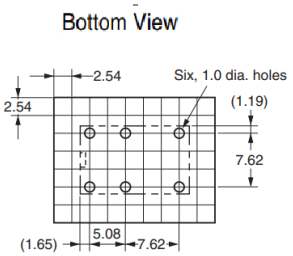
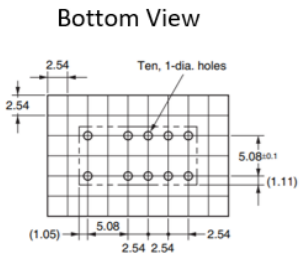
Product discontinuation	Recommendable replacement
G6E-134C-US  **Terminal shape: Self-supporting terminal **Only the terminals at the four corners are processed into self-supporting terminals **Standoff height: 0.3mm **Outline(Max.): 16 x 10 x 8mm	**G6S-2**  **Terminal shape: PCB terminal **Standoff height: 0.65mm **Outline(Max.): 15 x 7.5 x 9.4mm
G6E(U)-134(P, PL)-ST-US  **Terminal shape: PCB terminal **Standoff height: 0.64mm **Outline(Max.): 16 x 10 x 8.4mm	**G6S(U)-2** Ditto

Product discontinuation	Recommendable replacement
G6E(U)-1(3,9)4(P, PL)-US(-U)  **Terminal shape: PCB terminal **Standoff height: 0.3mm **Outline(Max.): 16 x 10 x 8 mm	**G6S(U)-2**  **Terminal shape: PCB terminal **Standoff height: 0.65mm **Outline(Max.): 15 x 7.5 x 9.4mm
G6EK-134(P, PL)-(US, 1-US, US-U)  **Terminal shape: PCB terminal **Standoff height: 0.3mm **Outline(Max.): 16 x 10 x 8 mm	**G6SK-2**  **Terminal shape: PCB terminal **Standoff height: 0.65mm **Outline(Max.): 15 x 7.5 x 9.4mm
G6EK-134(P, PL)-ST-US  **Terminal shape: PCB terminal **Standoff height: 0.64mm **Outline(Max.): 16 x 10 x 8.4mm	**G6SK-2** **Ditto**

[Wire connection]

Product discontinuation	Recommendable replacement
G6E-134C-US **G6E-1(3,9)4(P, PL)-(US, ST-US, US-U)** Bottom View  	**G6S-2** Bottom View 
G6EU-134(P, PL)-(US, ST-US, US-U) Bottom View  	**G6SU-2** Bottom View 
G6EK-134(P, PL)-1-US Bottom View  **The coil polarity is opposite to that of standard products.	**G6SK-2** Bottom View 
G6EK-134(P, PL)-(US, ST-US, US-U) Bottom View  	**G6SK-2** **Ditto**

[Mounting dimensions]

Product discontinuation	Recommendable replacement
G6E-134C-US **G6E(U)-1(3,9)4(P, PL)-(US, ST-US, US-U)** 	**G6S(U)-2** 
G6EK-134(P, PL)-(US, 1-US, US-U) **G6EK-134(P, PL)-ST-US** 	**G6SK-2** 

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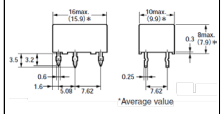
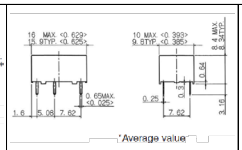
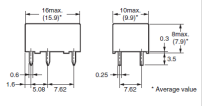
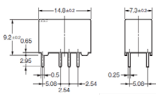
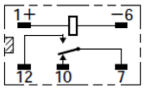
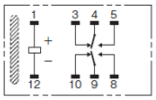
[Characteristics / Operation ratings]

			Product discontinuation			Recommended replacement
	Model		G6E-134C-US 5,12VDC	G6E-134P-ST-US 3,5,6,9,12,24,48VDC	G6E-134P-US-U 5,6,9,12,24,48VDC	G6S-2 3,5,6,9,12,24,48VDC
	Contact form		SPDT(1C)			DPDT(2C)
	Contact type		Bifurcated crossbar			<--
	Contact material		Au-Alloy+Ag			<--
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.			0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.			-
	Rated carry current		3A			2A
	Max. switching voltage		250VAC, 220VDC			<--
	Max. switching current		3A			2A
	Coil rating :power consumption		3 to 24VDC :Approx. 200 mW, 48VDC : Approx. 400 mW			3 to 12VDC :Approx. 140 mW, 24VDC : Approx. 200 mW 48VDC : Approx. 280 mW
Characteristics	Contact Resistance		50 mΩ max.			75 mΩ max.
	Operating(Set) time		5 ms max.			4 ms max.
	Released(Reset) time		5 ms max.			4 ms max.
	Min. set pulse width		-			-
	Min. reset pulse width		-			-
	Insulation Resistance		1,000 MΩ min.			<--
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min			2,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min			<--
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μ s			1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)			<--
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)			<--
	Shock resistance	Durability	1,000m/s^2			<--
		Malfunction	300m/s^2			750m/s^2
	Durability	Mechanical	100,000,000 operations min.			<--
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)			AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC			<--
	Ambient operating temperature		-40 deg. C to 70 deg. C			-40 deg. C to 85 deg. C
	Ambient operating humidity		5 to 85 %RH			<--
	Weight		Approx. 2.7.g			Approx. 2 g
	Approved standards		UL/CSA			UL/CSA
	Dimensions		 **Outline(Max.): 16 x 10 x 8mm** **Terminal shape: Self-supporting terminal**	 **Outline(Max.): 16 x 10 x 8.4mm**	 **Outline(Max.): 16 x 10 x 8mm**	 **Outline(Max.): 15 x 7.5 x 9.4mm**
	Terminal arrangement /Internal connections		Bottom View 			Bottom View 

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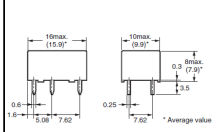
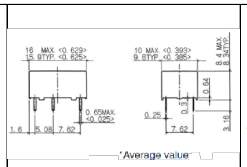
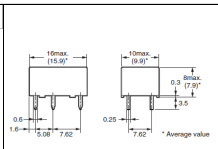
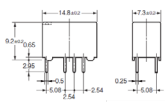
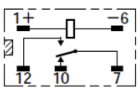
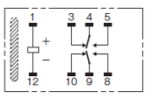
[Characteristics / Operation ratings]

	Model		Product discontinuation			Recommended replacement
			G6E-134PL-US 3,5,6,9,12,24,48 VDC	G6E-134PL-ST-US 3,5,9,12,24 VDC	G6E-134PL-US-U 5,12,24,48 VDC	G6S-2 3,5,6,9,12,24,48 VDC
	Contact form		SPDT(1C)			DPDT(2C)
	Contact type		Bifurcated crossbar			<--
	Contact material		Au-Alloy＋Ag			<--
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.			0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.			-
	Rated carry current		3A			2A
	Max. switching voltage		250VAC, 220VDC			<--
	Max. switching current		3A			2A
	Coil rating :power consumption		3 to 48VDC : Approx. 400 mW			3 to 12VDC :Approx. 140 mW, 24VDC : Approx. 200 mW 48VDC : Approx. 280 mW
Characteristics	Contact Resistance		50 mΩmax.			75 mΩmax.
	Operating(Set) time		5 ms max.			4 ms max.
	Released(Reset) time		5 ms max.			4 ms max.
	Min. set pulse width		-			-
	Min. reset pulse width		-			-
	Insulation Resistance		1,000 MΩmin.			<--
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min			2,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min			<--
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μs			1,500 VAC 10 x 160 μs
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)			<--
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)			<--
	Shock resistance	Durability	1,000m/s^2			<--
		Malfunction	300m/s^2			750m/s^2
	Durability	Mechanical	100,000,000 operations min.			<--
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)			AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μA at 10 m VDC			<--
	Ambient operating temperature		-40 deg. C to 70 deg. C			-40 deg. C to 85 deg. C
	Ambient operating humidity		5 to 85 %RH			<--
	Weight		Approx. 2.7.g			Approx. 2 g
	Approved standards		UL/CSA			UL/CSA
	Dimensions		 Outline(Max.): 16 x 10 x 8mm	 Outline(Max.): 16 x 10 x 8.4mm	 Outline(Max.): 16 x 10 x 8mm	 Outline(Max.): 15 x 7.5 x 9.4mm
	Terminal arrangement /Internal connections		Bottom View 			Bottom View 

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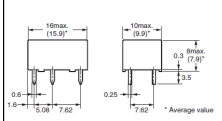
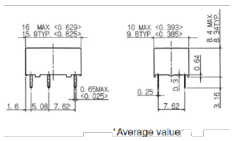
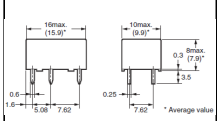
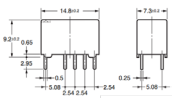
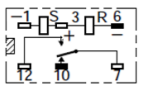
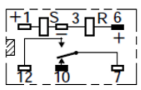
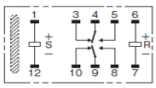
[Characteristics / Operation ratings]

	Model		Product discontinuation			Recommended replacement
			G6EK-134P-1-US 5,9,12,24 VDC	G6EK-134P-ST-US 1.5,3,5,6,9,12,24 VDC	G6EK-134P-US-U 3,5,12,24 VDC	G6SK-2 3,5,6,9,12,24 VDC
	Contact form		SPDT(1C)			DPDT(2C)
	Contact type		Bifurcated crossbar			<—
	Contact material		Au-Alloy＋Ag			<—
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.			0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.			–
	Rated carry current		3A			2A
	Max. switching voltage		250VAC, 220VDC			<—
	Max. switching current		3A			2A
	Coil rating :power consumption		1.5 to 24VDC :Approx. 200 mW			3 to 12VDC :Approx. 200 mW 24VDC :Approx. 300 mW
Characteristics	Contact Resistance		50 m Ω max.			75 m Ω max.
	Operating(Set) time		5 ms max.			4 ms max.
	Released(Reset) time		5 ms max.			4 ms max.
	Min. set pulse width		15ms			10ms
	Min. reset pulse width		15ms			10ms
	Insulation Resistance		1,000 M Ω min.			<—
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min			1,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min			<—
		Between set and reset coil	–			500 VAC 50/60Hz 1min
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μ s			1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)			<—
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)			<—
	Shock resistance	Durability	1,000m/s^2			<—
		Malfunction	300m/s^2			750m/s^2
	Durability	Mechanical	100,000,000 operations min.			<—
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)			AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC			<—
	Ambient operating temperature		-40 deg. C to 70 deg. C			-40 deg. C to 85 deg. C -40 deg C to 70 deg C for 24VDC only
	Ambient operating humidity		5 to 85 %RH			<—
	Weight		Approx. 2.7.g			Approx. 2 g
	Approved standards		UL/CSA			UL/CSA
	Dimensions		 Outline(Max.): 16 x 10 x 8mm	 Outline(Max.): 16 x 10 x 8.4mm	 Outline(Max.): 16 x 10 x 8mm	 Outline(Max.): 15 x 7.5 x 9.4mm
	Terminal arrangement /Internal connections		Bottom View  Coil polarity reversed	Bottom View 		Bottom View 

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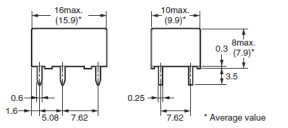
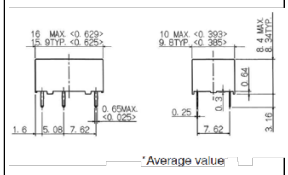
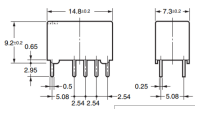
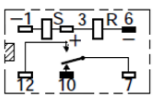
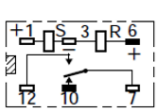
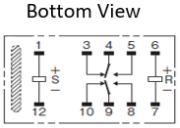
[Characteristics / Operation ratings]

			Product discontinuation		Recommended replacement
	Model		G6EK-134PL-1-US DC12V	G6EK-134PL-ST-US DC3,5,6,12,24V	G6SK-2 DC3,5,6,12,24V
	Contact form		SPDT(1C)		DPDT(2C)
	Contact type		Bifurcated crossbar		<--
	Contact material		Au-Alloy+Ag		<--
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.		0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.		-
	Rated carry current		3A		2A
	Max. switching voltage		250VAC, 220VDC		<--
	Max. switching current		3A		2A
	Coil rating :power consumption		3 to 24VDC : Approx. 400 mW		3 to 12VDC :Approx. 200 mW, 24VDC : Approx. 300 mW
Characteristics	Contact Resistance		50 mΩ max.		75 mΩ max.
	Operating(Set) time		5 ms max.		4 ms max.
	Released(Reset) time		5 ms max.		4 ms max.
	Min. set pulse width		15ms		10ms
	Min. reset pulse width		15ms		10ms
	Insulation Resistance		1,000 MΩ min.		<--
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min		1,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min		<--
		Between set and reset coil	-		500 VAC 50/60Hz 1min
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μ s		1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)		<--
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)		<--
	Shock resistance	Durability	1,000m/s^2		<--
		Malfunction	300m/s^2		750m/s^2
	Durability	Mechanical	100,000,000 operations min.		<--
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)		AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC		<--
	Ambient operating temperature		-40 deg. C to 70 deg. C		-40 deg. C to 85 deg. C -40 deg C to 70 deg C for 24VDC only
	Ambient operating humidity		5 to 85 %RH		<--
	Weight		Approx. 2.7.g		Approx. 2 g
	Approved standards		UL/CSA		UL/CSA
	Dimensions		 Outline(Max.): 16 x 10 x 8mm	 Outline(Max.): 16 x 10 x 8.4mm	 Outline(Max.): 15 x 7.5 x 9.4mm
	Terminal arrangement /Internal connections		Bottom View  Coil polarity reversed	Bottom View 	Bottom View 

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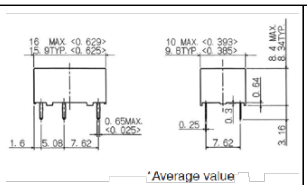
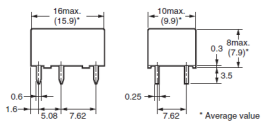
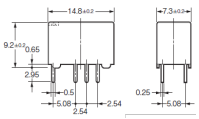
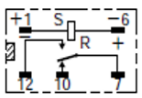
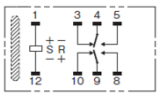
[Characteristics / Operation ratings]

	Model		Product discontinuation		Recommended replacement
			G6EU-134P-ST-US 12 VDC	G6EU-134P-US-U 3,5,12 VDC	G6SU-2 3,5,12 VDC
	Contact form		SPDT(1C)		DPDT(2C)
	Contact type		Bifurcated crossbar		<——
	Contact material		Au-Alloy＋Ag		<——
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.		0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.		-
	Rated carry current		3A		2A
	Max. switching voltage		250VAC, 220VDC		<——
	Max. switching current		3A		2A
	Coil rating :power consumption		3 to 12 VDC : Approx. 200 mW		3 to 12VDC :Approx. 100 mW
Characteristics	Contact Resistance		50 m Ω max.		75 m Ω max.
	Operating(Set) time		5 ms max.		4 ms max.
	Released(Reset) time		5 ms max.		4 ms max.
	Min. set pulse width		15ms		10ms
	Min. reset pulse width		15ms		10ms
	Insulation Resistance		1,000 M Ω min.		<——
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min		2,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min		<——
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μ s		1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)		<——
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)		<——
	Shock resistance	Durability	1,000m/s^2		<——
		Malfunction	300m/s^2		750m/s^2
	Durability	Mechanical	100,000,000 operations min.		<——
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)		AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC		<——
	Ambient operating temperature		-40 deg. C to 70 deg. C		-40 deg. C to 85 deg. C
	Ambient operating humidity		5 to 85 %RH		<——
	Weight		Approx. 2.7.g		Approx. 2 g
	Approved standards		UL/CSA		UL/CSA
	Dimensions		 *Average value **Outline(Max.): 16 x 10 x 8.4mm**	 **Outline(Max.): 16 x 10 x 8mm**	 **Outline(Max.): 15 x 7.5 x 9.4mm**
	Terminal arrangement /Internal connections		Bottom View 		Bottom View 

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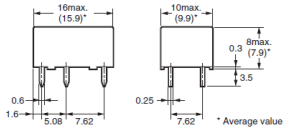
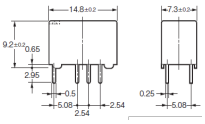
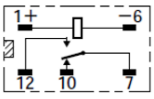
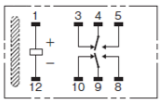
[Characteristics / Operation ratings]

	Model		Product discontinuation		Recommended replacement
			G6E-134P-US 3,5,6,912,24,48VDC	G6E-194P-US 5,12,24VDC	G6S-2 DC3,5,6,9,12,24,48VDC
	Contact form		SPDT(1C)		DPDT(2C)
	Contact type		Bifurcated crossbar		<—
	Contact material		Au-Alloy＋Ag	Au-Alloy＋AgNi	Au-Alloy＋Ag
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.	0.2A at 250VAC 100K ops. 2A at 30VDC 500K ops.	0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ=0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.		–
	Rated carry current		3A		2A
	Max. switching voltage		250VAC, 220VDC		<—
	Max. switching current		3A		2A
	Coil rating :power consumption		3 to 24VDC : Approx. 200 mW, 48VDC : Approx. 400 mW		3 to 12VDC :Approx. 140 mW, 24VDC : Approx. 200 mW 48VDC : Approx. 280 mW
Characteristics	Contact Resistance		50 mΩmax.		75 mΩmax.
	Operating(Set) time		5 ms max.		4 ms max.
	Released(Reset) time		5 ms max.		4 ms max.
	Min. set pulse width		–		
	Min. reset pulse width		–		–
	Insulation Resistance		1,000 MΩmin.		<—
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min		2,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min		<—
	Impulse withstand voltage	Between coil and contact	2,500 VAC 10 x 160 μs		1,500 VAC 10 x 160 μs
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)		<—
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)		<—
	Shock resistance	Durability	1,000m/s^2		<—
		Malfunction	300m/s^2		750m/s^2
	Durability	Mechanical	100,000,000 operations min.		<—
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A) for 134P only		AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μA at 10 m VDC		<—
	Ambient operating temperature		-40 deg. C to 70 deg. C		-40 deg. C to 85 deg. C
	Ambient operating humidity		5 to 85 %RH		<—
	Weight		Approx. 2.7g		Approx. 2 g
	Approved standards		UL/CSA		UL/CSA
	Dimensions		 **Outline(Max.): 16 x 10 x 8mm**		 **Outline(Max.): 15 x 7.5 x 9.4mm**
	Terminal arrangement /Internal connections		Bottom View 		Bottom View 

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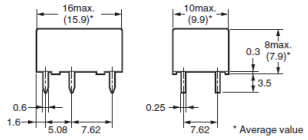
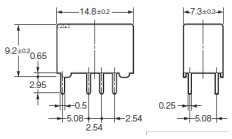
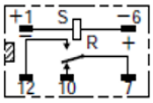
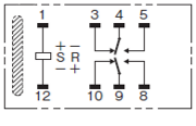
[Characteristics / Operation ratings]

	Model		Product discontinuation		Recommended replacement
			G6EU-134P-US 3,5,6,9,12,24 VDC	G6EU-134PL-US 12,24 VDC	G6SU-2 3,5,6,9,12,24 VDC
	Contact form		SPDT(1C)		DPDT(2C)
	Contact type		Bifurcated crossbar		<---
	Contact material		Au-Alloy+Ag		<---
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.		0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.		-
	Rated carry current		3A		2A
	Max. switching voltage		250VAC, 220VDC		<---
	Max. switching current		3A		2A
	Coil rating :power consumption		3 to 24 VDC : Approx. 200 mW		3 to 12VDC :Approx. 100 mW, 24VDC Approx. 150mW
Characteristics	Contact Resistance		50 m Ω max.		75 m Ω max.
	Operating(Set) time		5 ms max.		4 ms max.
	Released(Reset) time		5 ms max.		4 ms max.
	Min. set pulse width		15ms		10ms
	Min. reset pulse width		15ms		10ms
	Insulation Resistance		1,000 M Ω min.		<---
	Withstand Voltage	Between coil and con	1,500 VAC 50/60Hz 1min		2,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min		<---
	Impulse withstand volt	Between coil and con	2,500 VAC 10 x 160 μ s		1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)		<---
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)		<---
	Shock resistance	Durability	1,000m/s^2		<---
		Malfunction	300m/s^2		750m/s^2
	Durability	Mechanical	100,000,000 operations min.		<---
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)		AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC		<---
	Ambient operating temperature		-40 deg. C to 70 deg. C		-40 deg. C to 85 deg. C
	Ambient operating humidity		5 to 85 %RH		<---
	Weight		Approx. 2.7g		Approx. 2 g
	Approved standards		UL/CSA		UL/CSA
	Dimensions		 **Outline(Max.): 16 x 10 x 8mm**		 **Outline(Max.): 15 x 7.5 x 9.4mm**
	Terminal arrangement /Internal connections		Bottom View 		Bottom View 

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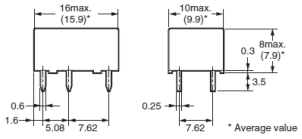
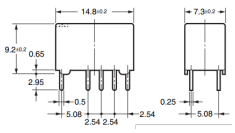
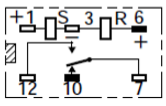
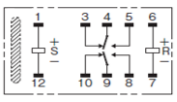
[Characteristics / Operation ratings]

			Product discontinuation		Recommended replacement
	Model		G6EK-134P-US 3,5,6,9,12,24VDC	G6EK-134PL-US 5,6,12,24VDC	G6SK-2 3,5,6,9,12,24VDC
	Contact form		SPDT(1C)		DPDT(2C)
	Contact type		Bifurcated crossbar		<--
	Contact material		Au-Alloy＋Ag		<--
Rating	Rated load	Resistive load	0.4A at 125VAC 100K ops. 2A at 30VDC 500K ops. 3A at 30VDC 200K ops.		0.5A at 125VAC 100K ops. 2A at 30VDC 100K ops.
		Inductive load (cos ϕ =0.4) (L/R=7ms)	0.2A at 125VAC 100K ops. 1A at 30VDC 500K ops.		-
	Rated carry current		3A		2A
	Max. switching voltage		250VAC, 220VDC		<--
	Max. switching current		3A		2A
	Coil rating :power consumption		3 to 24VDC:Approx. 200 mW(134P), 5 to 24VDC:Approx. 400 mW(134PL)		3 to 12VDC :Approx. 200 mW, 24VDC : Approx. 300 mW
Characteristics	Contact Resistance		50 m Ω max.		75 m Ω max.
	Operating(Set) time		5 ms max.		4 ms max.
	Released(Reset) time		5 ms max.		4 ms max.
	Min. set pulse width		15ms		10ms
	Min. reset pulse width		15ms		10ms
	Insulation Resistance		1,000 M Ω min.		<--
	Withstand Voltage	Between coil and contact	1,500 VAC 50/60Hz 1min		1,000 VAC 50/60Hz 1min
		Between contacts of the same polarity	1,000 VAC 50/60Hz 1min		<--
		Between set and reset coil	-		500 VAC 50/60Hz 1min
	Impulse withstand voltage	Between coil and contact	2,500 VAC x 160 μ s		1,500 VAC 10 x 160 μ s
	Vibration	Durability	10 to 55 to 10 Hz 2.5 mm single amplitude (5 mm double amplitude)		<--
		Malfunction	10 to 55 to 10 Hz, 1.65 mm single amplitude (3.3 mm double amplitude)		<--
	Shock resistance	Durability	1,000m/s^2		<--
		Malfunction	300m/s^2		750m/s^2
	Durability	Mechanical	100,000,000 operations min.		<--
		Electrical	AC: 100,000 operations min. / DC: 500,000 operations min. (2A), 200,000 operations min (3A)		AC/DC 100,000 operations min.
	Failure rate P level (Reference)		10 μ A at 10 m VDC		<--
	Ambient operating temperature		-40 deg. C to 70 deg. C		-40 deg. C to 85 deg. C -40 deg C to 70 deg C for 24VDC only
	Ambient operating humidity		5 to 85 %RH		<--
	Weight		Approx. 2.7.g		Approx. 2 g
	Approved standards		UL/CSA		UL/CSA
	Dimensions		 **Outline(Max.): 16 x 10 x 8mm**		 **Outline(Max.): 15 x 7.5 x 9.4mm**
	Terminal arrangement /Internal connections		Bottom View 		Bottom View 

[Operation methods]
There is no change in the operation method.

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.