

**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	Dimensions	Wire connection	Mounting Dimensions	Characteristics	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

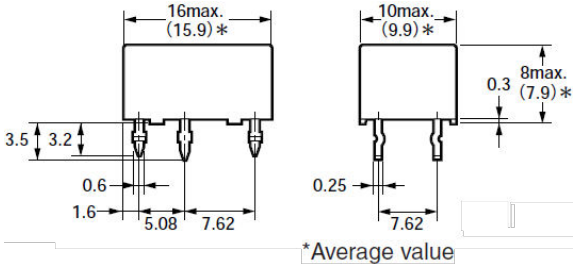
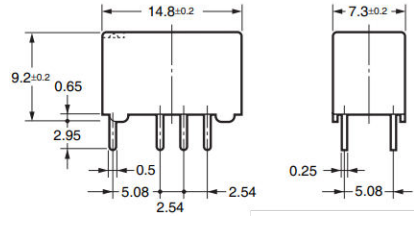
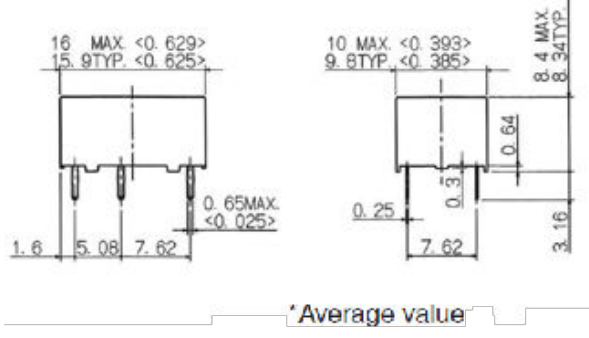
Product discontinuation	Recommended replacement
G6E-134P-US DC3	G6S-2 DC3
G6E-134P-US DC48	G6S-2 DC48
G6E-134P-US DC5	G6S-2 DC5
G6E-134P-US DC6	G6S-2 DC6
G6E-134P-US DC9	G6S-2 DC9
G6E-134P-US-U DC12	G6S-2 DC12
G6E-134P-US-U DC24	G6S-2 DC24
G6E-134P-US-U DC48	G6S-2 DC48
G6E-134P-US-U DC5	G6S-2 DC5
G6E-134P-US-U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

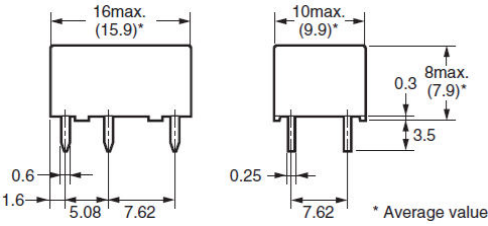
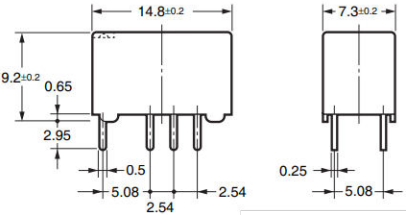
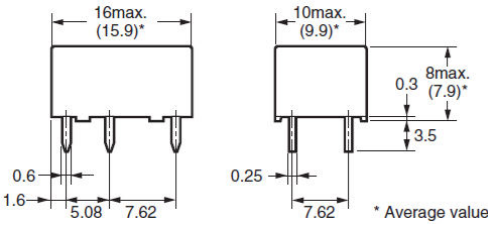
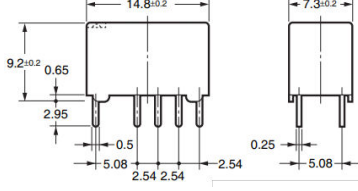
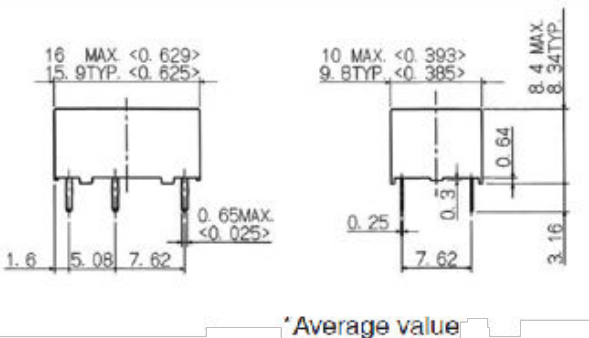
Product discontinuation	Recommended replacement
G6EK-134P-US-U DC3	G6SK-2 DC3
G6EK-134P-US-U DC5	G6SK-2 DC5
G6EK-134PL-1-US DC12	G6SK-2 DC12
G6EK-134PL-ST-US DC12	G6SK-2 DC12
G6EK-134PL-ST-US DC24	G6SK-2 DC24
G6EK-134PL-ST-US DC3	G6SK-2 DC3
G6EK-134PL-ST-US DC5	G6SK-2 DC5
G6EK-134PL-ST-US DC6	G6SK-2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

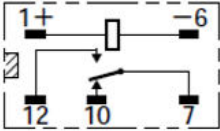
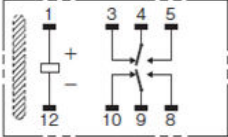
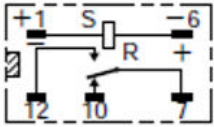
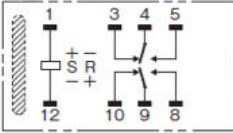
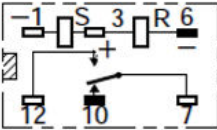
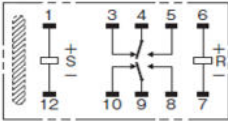
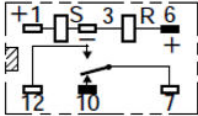
Product discontinuation	Recommendable replacement
G6E-134C-US G6E-134(P,PL)-ST-US G6E-1(3,9)4(P,PL)-US(-U) G6EK-134(P,PL)-US,1-US,US-U) G6EK-134(P,PL)-ST-US G6EU-134(P,PL)-US(-U)	G6S-2 // // G6SK-2 // G6SU-2
Black	Ivory

[Dimensions]

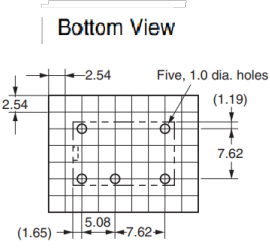
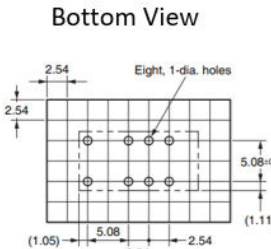
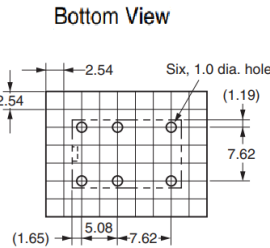
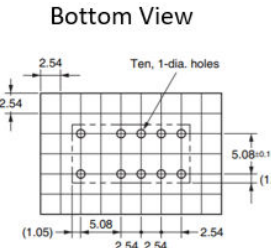
Product discontinuation	Recommendable replacement
<p>G6E-134C-US</p>  <p>**Terminal shape: Self-supporting terminal **Only the terminals at the four corners are processed into self-supporting terminals **Standoff height: 0.3mm **Outline(Max.): 16 x 10 x 8mm</p>	<p>G6S-2</p>  <p>**Terminal shape: PCB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

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

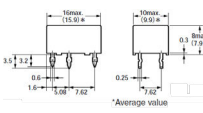
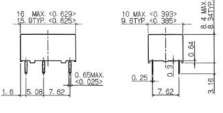
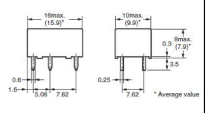
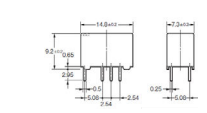
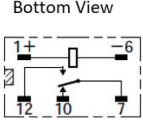
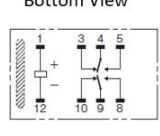
[Wire connection]

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

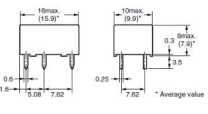
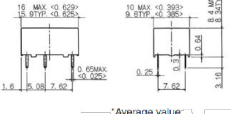
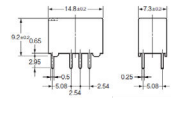
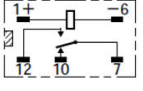
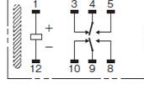
[Mounting dimensions]

Product discontinuation	Recommendable replacement
<p>G6E-134C-US G6E(U)-1(3,9)4(P, PL)-(US, ST-US, US-U)</p> <p style="text-align: center;">Bottom View</p>  <p>Five, 1.0 dia. holes</p>	<p>G6S(U)-2</p> <p style="text-align: center;">Bottom View</p>  <p>Eight, 1-dia. holes</p>
<p>G6EK-134(P, PL)-(US, 1-US, US-U) G6EK-134(P, PL)-ST-US</p> <p style="text-align: center;">Bottom View</p>  <p>Six, 1.0 dia. holes</p>	<p>G6SK-2</p> <p style="text-align: center;">Bottom View</p>  <p>Ten, 1-dia. holes</p>

[Characteristics / Operation ratings]

Model		Product discontinuation			Recommended replacement
		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 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	 <p>Outline(Max.): 16 x 10 x 8mm Terminal shape: Self-supporting terminal</p>		 <p>Outline(Max.): 16 x 10 x 8.4mm</p>		 <p>Outline(Max.): 16 x 10 x 8mm</p>
	 <p>Outline(Max.): 15 x 7.5 x 9.4mm</p>				
Terminal arrangement /Internal connections	 <p>Bottom View</p>		 <p>Bottom View</p>		

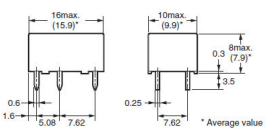
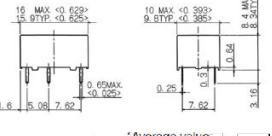
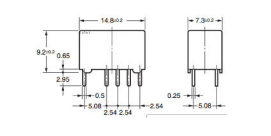
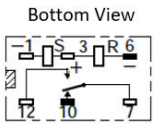
[Characteristics / Operation ratings]

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 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 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.): 15 x 7.5 x 9.4mm
Terminal arrangement /Internal connections		<p>Bottom View</p> 		<p>Bottom View</p> 	

[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 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 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 -40 deg C to 70 deg C for 24VDC only
	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.): 16 x 10 x 8.4mm		
	Outline(Max.): 16 x 10 x 8mm		Outline(Max.): 16 x 10 x 8mm		
Terminal arrangement /Internal connections					
	Coil polarity reversed				

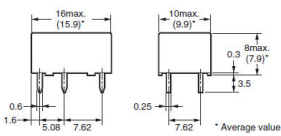
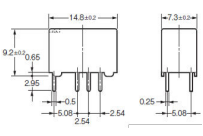
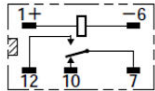
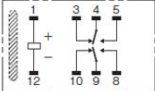
[Characteristics / Operation ratings]

Model		Product discontinuation		Recommended replacement	
		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 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 -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	 <p>Outline(Max.): 16 x 10 x 8mm</p>		 <p>Outline(Max.): 16 x 10 x 8.4mm</p>		
Terminal arrangement /Internal connections	 <p>Coil polarity reversed</p>				

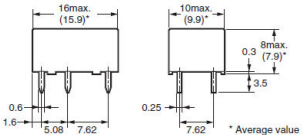
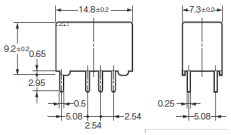
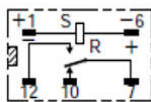
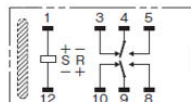
[Characteristics / Operation ratings]

Model		Product discontinuation		Recommended replacement
		G6EU-134P-ST-US 12 VDC	G6EU-134P-US-U 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
	Contact Resistance		50 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. 2.7g		Approx. 2 g
Approved standards		UL/CSA		UL/CSA
Dimensions				
	<p>Outline(Max.): 16 x 10 x 8.4mm</p>		<p>Outline(Max.): 16 x 10 x 8mm</p>	<p>Outline(Max.): 15 x 7.5 x 9.4mm</p>
Terminal arrangement /Internal connections	<p>Bottom View</p>		<p>Bottom View</p>	

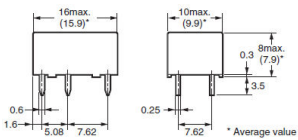
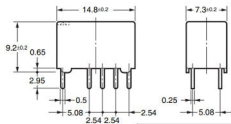
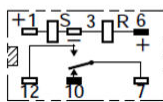
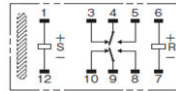
[Characteristics / Operation ratings]

Model		Product discontinuation		Recommended replacement
		G6E-134P-US 3,5,6,9,12,24,48VDC	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.
		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
	Contact Resistance		50 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.		<—
Characteristics	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. 2.7.g		Approx. 2 g
Approved standards		UL/CSA		UL/CSA
Dimensions		 <p>Outline(Max.): 16 x 10 x 8mm</p>		 <p>Outline(Max.): 15 x 7.5 x 9.4mm</p>
Terminal arrangement /Internal connections		 <p>Bottom View</p>		 <p>Bottom View</p>

[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
	Contact Resistance		50 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 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 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. 2.7g		Approx. 2 g
Approved standards		UL/CSA		UL/CSA
Dimensions		 <p>Outline(Max.): 16 x 10 x 8mm</p>		 <p>Outline(Max.): 15 x 7.5 x 9.4mm</p>
Terminal arrangement /Internal connections		<p>Bottom View</p> 		<p>Bottom View</p> 

[Characteristics / Operation ratings]

Model		Product discontinuation		Recommended replacement
		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 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 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 -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	 <p>Outline(Max.): 16 x 10 x 8mm</p>		 <p>Outline(Max.): 15 x 7.5 x 9.4mm</p>	
Terminal arrangement /Internal connections	 <p>Bottom View</p>		 <p>Bottom View</p>	

[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.

Before change

Old part number	Old OC product code	Old ODPOS code
G6E-134P-ST-US DC12	G6E 1060H	G6E134PSTUS12DC
G6E-134P-ST-US DC24	G6E 1059D	G6E134PSTUS24DC
G6E-134P-ST-US DC3	G6E 1195G	G6E134PSTUS3DC
G6E-134P-ST-US DC48	G6E 1067E	G6E134PSTUS48DC
G6E-134P-ST-US DC5	G6E 1056M	G6E134PSTUS5DC
G6E-134P-ST-US DC6	G6E 1058F	G6E134PSTUS6DC
G6E-134P-ST-US DC9	G6E 1061F	G6E134PSTUS9DC
G6E-134P-US DC12	G6E 1012H	G6E134PUS12DC
G6E-134P-US DC24	G6E 1010A	G6E134PUS24DC
G6E-134P-US DC3	G6E 1098E	G6E134PUS3DC
G6E-134P-US DC48	G6E 1079R	G6E134PUS48DC
G6E-134P-US DC5	G6E 1011M	G6E134PUS5DC
G6E-134P-US DC6	G6E 1016M	G6E134PUS6DC
G6E-134P-US DC9	G6E 1017R	G6E134PUS9DC
G6E-134P-US-U DC12	G6E 1140M	#NV
G6E-134P-US-U DC24	G6E 1141H	#NV
G6E-134P-US-U DC48	G6E 1142F	#NV
G6E-134P-US-U DC5	G6E 1137M	#NV
G6E-134P-US-U DC6	G6E 1138H	#NV
G6E-134P-US-U DC9	G6E 1139F	#NV
G6E-134PL-ST-US DC12	G6E 1214G	G6E134PLSTUS12DC
G6E-134PL-ST-US DC24	G6E 1216C	G6E134PLSTUS24DC
G6E-134PL-ST-US DC5	G6E 1215E	G6E134PLSTUS5DC
G6E-134PL-ST-US DC9	G6E 1217A	G6E134PLSTUS9DC
G6E-134PL-US DC12	G6E 1202C	G6E134PLUS12DC
G6E-134PL-US DC24	G6E 1203A	G6E134PLUS24DC
G6E-134PL-US DC48	G6E 1204M	#NV
G6E-134PL-US DC5	G6E 1205H	#NV
G6E-134PL-US DC6	G6E 1207D	#NV
G6E-134PL-US DC9	G6E 1210D	#NV
G6E-134PL-US-U DC12	G6E 1212M	#NV
G6E-134PL-US-U DC24	G6E 1213R	#NV
G6E-134PL-US-U DC48	G6E 1359C	#NV
G6E-134PL-US-U DC5	G6E 1208B	#NV
G6E-194P-US DC12	G6E 1237F	#NV
G6E-194P-US DC24	G6E 1258R	#NV
G6E-194P-US DC5	G6E 1385B	#NV
G6EK-134P-1-US DC12	G6EK1320G	G6EK134P1US12DC
G6EK-134P-1-US DC24	G6EK1365G	#NV
G6EK-134P-1-US DC5	G6EK1321E	#NV
G6EK-134P-1-US DC9	G6EK1354A	#NV
G6EK-134P-ST-US DC12	G6EK1078M	G6EK134PSTUS12DC
G6EK-134P-ST-US DC24	G6EK1079H	G6EK134PSTUS24DC
G6EK-134P-ST-US DC3	G6EK1312F	G6EK134PSTUS3DC
G6EK-134P-ST-US DC5	G6EK1040B	G6EK134PSTUS5DC
G6EK-134P-ST-US DC6	G6EK1076C	#NV
G6EK-134P-ST-US DC9	G6EK1077A	G6EK134PSTUS9DC

G6EK-134P-US DC12	G6EK1108E	G6EK134PUS12DC
G6EK-134P-US DC24	G6EK1109C	G6EK134PUS24DC
G6EK-134P-US DC3	G6EK1210C	G6EK134PUS3DC
G6EK-134P-US DC5	G6EK1105M	G6EK134PUS5DC
G6EK-134P-US DC6	G6EK1106R	#NV
G6EK-134P-US DC9	G6EK1107G	#NV
G6EK-134P-US-U DC12	G6EK1258H	#NV
G6EK-134P-US-U DC24	G6EK1259F	#NV
G6EK-134P-US-U DC3	G6EK1381R	#NV
G6EK-134P-US-U DC5	G6EK1255C	#NV
G6EK-134PL-1-US DC12	G6EK1382G	#NV
G6EK-134PL-ST-US DC12	G6EK1346M	#NV
G6EK-134PL-ST-US DC24	G6EK1351G	G6EK134PLSTUS24DC
G6EK-134PL-ST-US DC5	G6EK1344D	G6EK134PLSTUS5DC
G6EK-134PL-US DC12	G6EK1327D	#NV
G6EK-134PL-US DC24	G6EK1328B	G6EK134PLUS24DC
G6EK-134PL-US DC5	G6EK1324M	#NV
G6EK-134PL-US DC6	G6EK1325H	#NV
G6EU-134P-ST-US DC12	G6EK1069M	#NV
G6EU-134P-US DC12	G6EK1098D	G6EU134PUS12DC
G6EU-134P-US DC24	G6EK1099B	G6EU134PUS24DC
G6EU-134P-US DC3	G6EK1213H	#NV
G6EU-134P-US DC5	G6EK1095M	G6EU134PUS5DC
G6EU-134P-US DC6	G6EK1096H	#NV
G6EU-134P-US DC9	G6EK1097F	G6EU134PUS9DC
G6EU-134P-US-U DC12	G6EK1238C	#NV
G6EU-134P-US-U DC3	G6EK1371A	#NV
G6EU-134P-US-U DC5	G6EK1235R	#NV
G6EU-134PL-US DC12	G6EK1337A	#NV
G6EU-134PL-US DC24	G6EK1338M	#NV

After change*

New part number	New OC product code	New ODPOS code
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC3	G6S 6000M	G6S23DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC6	G6S 6033G	G6S26DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC3	G6S 6000M	G6S23DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC6	G6S 6033G	G6S26DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC6	G6S 6033G	G6S26DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC6	G6S 6033G	G6S26DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC6	G6S 6033G	G6S26DC
G6S-2 DC9	G6S 6034E	G6S29DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC48	G6S 6005A	G6S248DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC5	G6S 6002G	G6S25DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC9	G6S 6175R	G6SK29DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC3	G6S 6173B	G6SK23DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC6	G6S 6174M	G6SK26DC
G6SK-2 DC9	G6S 6175R	G6SK29DC

G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC3	G6S 6173B	G6SK23DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC6	G6S 6174M	G6SK26DC
G6SK-2 DC9	G6S 6175R	G6SK29DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC3	G6S 6173B	G6SK23DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC12	G6S 6154F	G6SK212DC
G6SK-2 DC24	G6S 6155D	G6SK224DC
G6SK-2 DC5	G6S 6153H	G6SK25DC
G6SK-2 DC6	G6S 6174M	G6SK26DC
G6SU-2 DC12	G6S 6158R	G6SU212DC
G6SU-2 DC12	G6S 6158R	G6SU212DC
G6SU-2 DC24	G6S 6159G	G6SU224DC
G6SU-2 DC3	G6S 6170H	G6SU23DC
G6SU-2 DC5	G6S 6157M	G6SU25DC
G6SU-2 DC6	G6S 6171F	G6SU26DC
G6SU-2 DC9	G6S 6172D	G6SU29DC
G6SU-2 DC12	G6S 6158R	G6SU212DC
G6SU-2 DC3	G6S 6170H	G6SU23DC
G6SU-2 DC5	G6S 6157M	G6SU25DC
G6SU-2 DC12	G6S 6158R	G6SU212DC
G6SU-2 DC24	G6S 6159G	G6SU224DC

*If After the change values are the same, it means the product only had technical or packing change, which does not effect the product codes!

Changes are highlighted with a background colour,

Before change

Old part number	Old OC product code	Old ODPOS code
G6E-134C-US DC12	G6E 1039M	G6E134CUS12DC
G6E-134C-US DC24	G6E 1040C	#NV
G6E-134C-US DC5	G6E 1036E	#NV
G6E-134P-US-RD DC24	G6E 1271F	#NV
G6E-134PL-ST-US DC3	G6E 1386M	#NV
G6E-134PL-US DC3	G6E 1219H	#NV
G6EK-134P-ST-US DC1.5	G6EK1392D	G6EK134PSTUSDC15
G6EK-134PL-ST-US DC3	G6EK1367C	#NV
G6EK-134PL-ST-US DC6	G6EK1345B	#NV

After change*

New part number	New OC product code	New ODPOS code
G6S-2 DC12	G6S 6003E	G6S212DC
G6S-2 DC24	G6S 6004C	G6S224DC
G6S-2 DC5	G6S 6002G	G6S25DC
No recommendation	No recommendation	No recommendation
G6S-2 DC3	G6S 6000M	G6S23DC
G6S-2 DC3	G6S 6000M	G6S23DC
No recommendation	No recommendation	No recommendation
G6SK-2 DC3	G6S 6173B	G6SK23DC
G6SK-2 DC6	G6S 6174M	G6SK26DC

*If After the change values are the same, it means the product only had technical or packing change, which does not effect the product codes!

Changes are highlighted with a background colour,