

Modification Notice of Change in Maximum Ambient Operating Temperature Specification for Enhanced Usability.

[Target Products]

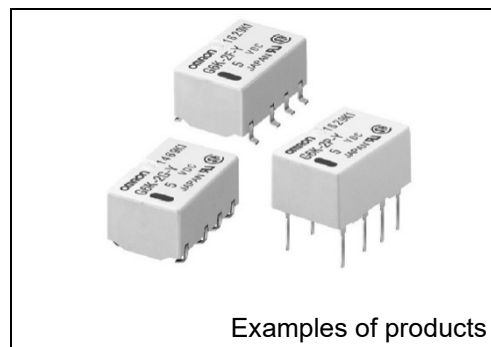
•PCB Relays G6K series
< Refer to the " [Details of applicable model] " . >

[Effective Date]

Effective as of our production in January, 2024.

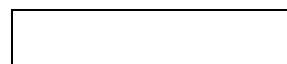
[Reason for change]

To improve quality



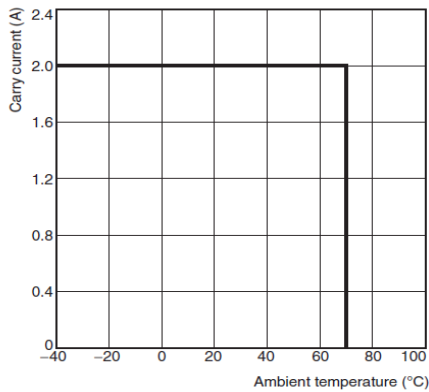
[Changes]

Before the change	After the change																																								
<p>Ambient operating temperature -40 to 70°C (with no icing or condensation)</p> <p>●Ambient Temperature vs. Maximum Coil Voltage</p> <table border="1"> <caption>Data for Ambient Temperature vs. Maximum Coil Voltage (Before Change)</caption> <thead> <tr> <th>Ambient temperature (°C)</th> <th>Maximum coil voltage (%)</th> </tr> </thead> <tbody> <tr><td>-40</td><td>150</td></tr> <tr><td>-20</td><td>150</td></tr> <tr><td>0</td><td>150</td></tr> <tr><td>20</td><td>150</td></tr> <tr><td>40</td><td>150</td></tr> <tr><td>60</td><td>150</td></tr> <tr><td>70</td><td>150</td></tr> <tr><td>80</td><td>0</td></tr> <tr><td>100</td><td>0</td></tr> </tbody> </table>	Ambient temperature (°C)	Maximum coil voltage (%)	-40	150	-20	150	0	150	20	150	40	150	60	150	70	150	80	0	100	0	<p>Ambient operating temperature -40 to 85°C (with no icing or condensation)</p> <p>The maximum ambient operating temperature specification will be changed to 85°C by derating the rated carry current of contact above 70°C. There are no changes to the product itself, such as structure or materials, associated with this modification. Due to changes in the operating ambient temperature specifications, there have been revisions to the following reference data listed in the data sheet.</p> <p>●Ambient Temperature vs. Maximum Coil Voltage</p> <table border="1"> <caption>Data for Ambient Temperature vs. Maximum Coil Voltage (After Change)</caption> <thead> <tr> <th>Ambient temperature (°C)</th> <th>Maximum coil voltage (%)</th> </tr> </thead> <tbody> <tr><td>-40</td><td>150</td></tr> <tr><td>-20</td><td>150</td></tr> <tr><td>0</td><td>150</td></tr> <tr><td>20</td><td>150</td></tr> <tr><td>40</td><td>150</td></tr> <tr><td>60</td><td>150</td></tr> <tr><td>85</td><td>150</td></tr> <tr><td>90</td><td>0</td></tr> <tr><td>100</td><td>0</td></tr> </tbody> </table>	Ambient temperature (°C)	Maximum coil voltage (%)	-40	150	-20	150	0	150	20	150	40	150	60	150	85	150	90	0	100	0
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-40	150																																								
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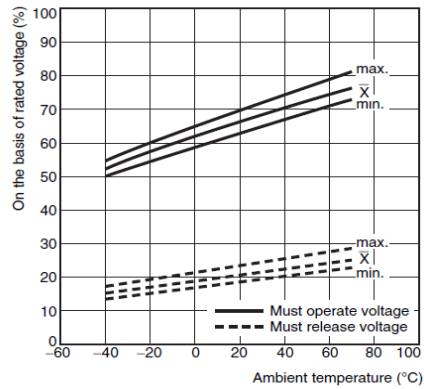


Before the change

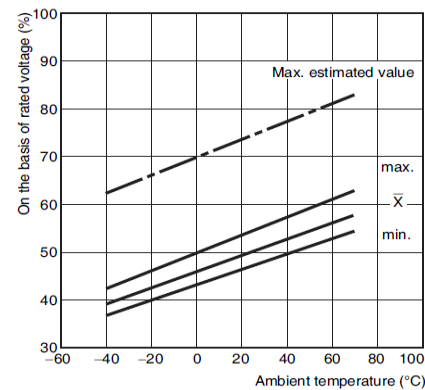
● **Ambient Temperature vs. Carry Current**



● **Ambient Temperature vs. Must Operate or Must Release Voltage G6K-2G (F/P), G6K-2G (F/P)-Y**

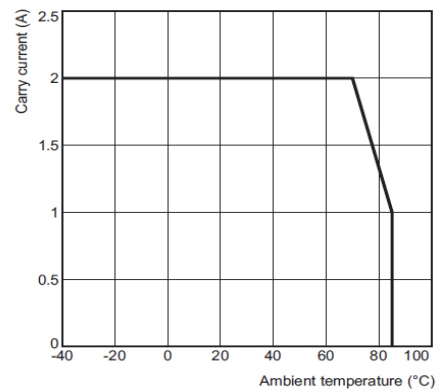


● **Ambient Temperature vs. Must Set or Must Reset Voltage G6KU-2G (F/P)-Y**

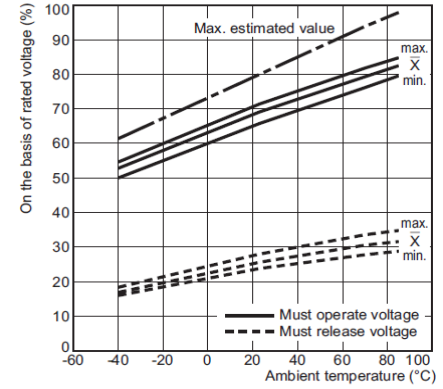


After the change

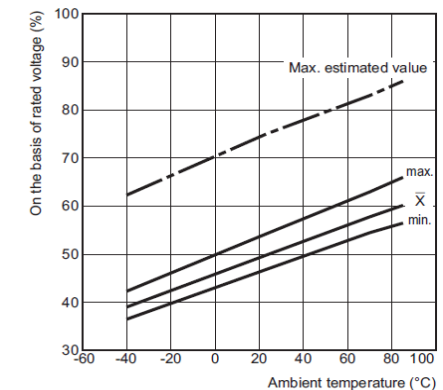
● **Ambient Temperature vs. Carry Current**



● **Ambient Temperature vs. Must Operate or Must Release Voltage G6K-2G (F/P), G6K-2G (F/P)-Y**



● **Ambient Temperature vs. Must Set or Must Reset Voltage G6KU-2G (F/P)-Y**



[Details of applicable model]

Models / Specification
G6K-2F DC12
G6K-2F DC24
G6K-2F DC3
G6K-2F DC4.5
G6K-2F DC5
G6K-2F DC6
G6K-2F DC9
G6K-2F-TR DC12
G6K-2F-TR DC24
G6K-2F-TR DC3
G6K-2F-TR DC4.5
G6K-2F-TR DC5
G6K-2F-TR DC6
G6K-2F-TR DC9
G6K-2F-Y DC12
G6K-2F-Y DC12 BY OMZ
G6K-2F-Y DC12 BY OMZ/C
G6K-2F-Y DC2 BY OMZ
G6K-2F-Y DC24
G6K-2F-Y DC24 BY OMZ
G6K-2F-Y DC24 BY OMZ/C
G6K-2F-Y DC3
G6K-2F-Y DC3 BY OMZ
G6K-2F-Y DC3 BY OMZ/C
G6K-2F-Y DC4.5
G6K-2F-Y DC4.5 BY OMZ
G6K-2F-Y DC4.5 BY OMZ/C
G6K-2F-Y DC5
G6K-2F-Y DC5 BY OMZ
G6K-2F-Y DC5 BY OMZ/C
G6K-2F-Y DC6
G6K-2F-Y DC6 BY OMZ
G6K-2F-Y DC9
G6K-2F-Y DC9 BY OMZ
G6K-2F-Y DC9 BY OMZ/C
G6K-2F-Y-TR DC12
G6K-2F-Y-TR DC12 BY OMZ
G6K-2F-Y-TR DC12 BY OMZ/C
G6K-2F-Y-TR DC2 BY OMZ
G6K-2F-Y-TR DC24
G6K-2F-Y-TR DC24 BY OMZ
G6K-2F-Y-TR DC24 BY OMZ/C
G6K-2F-Y-TR DC3
G6K-2F-Y-TR DC3 BY OMZ
G6K-2F-Y-TR DC3 BY OMZ/C
G6K-2F-Y-TR DC4.5
G6K-2F-Y-TR DC4.5 BY OMZ
G6K-2F-Y-TR DC4.5 BY OMZ/C

Models / Specification
G6K-2F-Y-TR DC5
G6K-2F-Y-TR DC5 BY OMZ
G6K-2F-Y-TR DC5 BY OMZ/C
G6K-2F-Y-TR DC6
G6K-2F-Y-TR DC6 BY OMZ
G6K-2F-Y-TR DC9
G6K-2F-Y-TR DC9 BY OMZ
G6K-2F-Y-TR DC9 BY OMZ/C
G6K-2G DC12
G6K-2G DC24
G6K-2G DC3
G6K-2G DC4.5
G6K-2G DC5
G6K-2G DC6
G6K-2G DC9
G6K-2G-TR DC12
G6K-2G-TR DC24
G6K-2G-TR DC3
G6K-2G-TR DC4.5
G6K-2G-TR DC5
G6K-2G-TR DC6
G6K-2G-TR DC9
G6K-2G-TR2 DC5
G6K-2G-Y DC12
G6K-2G-Y DC12 BY OMZ
G6K-2G-Y DC12 BY OMZ/C
G6K-2G-Y DC2 BY OMZ
G6K-2G-Y DC24
G6K-2G-Y DC24 BY OMZ
G6K-2G-Y DC24 BY OMZ/C
G6K-2G-Y DC3
G6K-2G-Y DC3 BY OMZ
G6K-2G-Y DC3 BY OMZ/C
G6K-2G-Y DC4.5
G6K-2G-Y DC4.5 BY OMZ
G6K-2G-Y DC4.5 BY OMZ/C
G6K-2G-Y DC5
G6K-2G-Y DC5 BY OMZ
G6K-2G-Y DC5 BY OMZ/C
G6K-2G-Y DC6
G6K-2G-Y DC6 BY OMZ
G6K-2G-Y DC9
G6K-2G-Y DC9 BY OMZ
G6K-2G-Y DC9 BY OMZ/C
G6K-2G-Y-TR DC12
G6K-2G-Y-TR DC12 BY OMZ
G6K-2G-Y-TR DC12 BY OMZ/C
G6K-2G-Y-TR DC2 BY OMZ

Models / Specification
G6K-2G-Y-TR DC24
G6K-2G-Y-TR DC24 BY OMZ
G6K-2G-Y-TR DC3
G6K-2G-Y-TR DC3 BY OMZ
G6K-2G-Y-TR DC3 BY OMZ/C
G6K-2G-Y-TR DC4.5
G6K-2G-Y-TR DC4.5 BY OMZ
G6K-2G-Y-TR DC4.5 BY OMZ/C
G6K-2G-Y-TR DC5
G6K-2G-Y-TR DC5 BY OMZ
G6K-2G-Y-TR DC5 BY OMZ/C
G6K-2G-Y-TR DC6
G6K-2G-Y-TR DC6 BY OMZ
G6K-2G-Y-TR DC9
G6K-2G-Y-TR DC9 BY OMZ
G6K-2G-Y-TR DC9 BY OMZ/C
G6K-2P DC12
G6K-2P DC24
G6K-2P DC3
G6K-2P DC4.5
G6K-2P DC5
G6K-2P DC6
G6K-2P DC9
G6K-2P-Y DC12
G6K-2P-Y DC12 BY OMZ
G6K-2P-Y DC12 BY OMZ/C
G6K-2P-Y DC2 BY OMZ
G6K-2P-Y DC24
G6K-2P-Y DC24 BY OMZ
G6K-2P-Y DC24 BY OMZ/C
G6K-2P-Y DC3
G6K-2P-Y DC3 BY OMZ
G6K-2P-Y DC3 BY OMZ/C
G6K-2P-Y DC4.5
G6K-2P-Y DC4.5 BY OMZ
G6K-2P-Y DC4.5 BY OMZ/C
G6K-2P-Y DC5
G6K-2P-Y DC5 BY OMZ
G6K-2P-Y DC5 BY OMZ/C
G6K-2P-Y DC6
G6K-2P-Y DC6 BY OMZ
G6K-2P-Y DC9
G6K-2P-Y DC9 BY OMZ
G6KU-2F-Y DC12
G6KU-2F-Y DC12 BY OMZ
G6KU-2F-Y DC12 BY OMZ/C
G6KU-2F-Y DC2 BY OMZ
G6KU-2F-Y-TR DC2.4
G6KU-2F-Y-TR DC2.4 BY OMZ
G6KU-2F-Y-TR DC2.4 BY OMZ/C
G6KU-2F-Y-TR DC24
G6KU-2F-Y-TR DC24 BY OMZ
G6KU-2F-Y-TR DC3
G6KU-2F-Y-TR DC3 BY OMZ
G6KU-2F-Y-TR DC3 BY OMZ/C
G6KU-2F-Y-TR DC4.5
G6KU-2F-Y-TR DC4.5 BY OMZ
G6KU-2F-Y-TR DC4.5 BY OMZ/C
G6KU-2F-Y-TR DC5
G6KU-2F-Y-TR DC5 BY OMZ
G6KU-2F-Y-TR DC5 BY OMZ/C
G6KU-2F-Y-TR DC6
G6KU-2F-Y-TR DC6 BY OMZ
G6KU-2F-Y-TR DC9
G6KU-2F-Y-TR DC9 BY OMZ
G6KU-2G-Y DC12
G6KU-2G-Y DC12 BY OMZ
G6KU-2G-Y DC12 BY OMZ/C
G6KU-2G-Y DC2 BY OMZ
G6KU-2G-Y DC24
G6KU-2G-Y DC24 BY OMZ
G6KU-2G-Y DC3
G6KU-2G-Y DC3 BY OMZ
G6KU-2G-Y DC3 BY OMZ/C
G6KU-2G-Y DC4.5
G6KU-2G-Y DC4.5 BY OMZ
G6KU-2G-Y DC4.5 BY OMZ/C
G6KU-2G-Y DC5

Models / Specification
G6KU-2F-Y DC24 BY OMZ
G6KU-2F-Y DC3
G6KU-2F-Y DC3 BY OMZ
G6KU-2F-Y DC3 BY OMZ/C
G6KU-2F-Y DC4.5
G6KU-2F-Y DC4.5 BY OMZ
G6KU-2F-Y DC4.5 BY OMZ/C
G6KU-2F-Y DC5
G6KU-2F-Y DC5 BY OMZ
G6KU-2F-Y DC5 BY OMZ/C
G6KU-2F-Y DC6
G6KU-2F-Y DC6 BY OMZ
G6KU-2F-Y DC9
G6KU-2F-Y DC9 BY OMZ
G6KU-2F-Y-TR DC12
G6KU-2F-Y-TR DC12 BY OMZ
G6KU-2F-Y-TR DC12 BY OMZ/C
G6KU-2F-Y-TR DC2 BY OMZ
G6KU-2F-Y-TR DC2.4
G6KU-2F-Y-TR DC2.4 BY OMZ
G6KU-2F-Y-TR DC2.4 BY OMZ/C
G6KU-2F-Y-TR DC24
G6KU-2F-Y-TR DC24 BY OMZ
G6KU-2F-Y-TR DC3
G6KU-2F-Y-TR DC3 BY OMZ
G6KU-2F-Y-TR DC3 BY OMZ/C
G6KU-2F-Y-TR DC4.5
G6KU-2F-Y-TR DC4.5 BY OMZ
G6KU-2F-Y-TR DC4.5 BY OMZ/C
G6KU-2F-Y-TR DC5
G6KU-2F-Y-TR DC5 BY OMZ
G6KU-2F-Y-TR DC5 BY OMZ/C
G6KU-2F-Y-TR DC6
G6KU-2F-Y-TR DC6 BY OMZ
G6KU-2F-Y-TR DC9
G6KU-2F-Y-TR DC9 BY OMZ
G6KU-2G-Y DC12
G6KU-2G-Y DC12 BY OMZ
G6KU-2G-Y DC12 BY OMZ/C
G6KU-2G-Y DC2 BY OMZ
G6KU-2G-Y DC24
G6KU-2G-Y DC24 BY OMZ
G6KU-2G-Y DC3
G6KU-2G-Y DC3 BY OMZ
G6KU-2G-Y DC3 BY OMZ/C
G6KU-2G-Y DC4.5
G6KU-2G-Y DC4.5 BY OMZ
G6KU-2G-Y DC4.5 BY OMZ/C
G6KU-2G-Y DC5

Models / Specification
G6KU-2G-Y DC5 BY OMZ
G6KU-2G-Y DC5 BY OMZ/C
G6KU-2G-Y DC6
G6KU-2G-Y DC6 BY OMZ
G6KU-2G-Y DC9
G6KU-2G-Y DC9 BY OMZ
G6KU-2G-Y DC9 BY OMZ/C
G6KU-2G-Y-TR DC12
G6KU-2G-Y-TR DC12 BY OMZ
G6KU-2G-Y-TR DC12 BY OMZ/C
G6KU-2G-Y-TR DC2 BY OMZ
G6KU-2G-Y-TR DC24
G6KU-2G-Y-TR DC24 BY OMZ
G6KU-2G-Y-TR DC3
G6KU-2G-Y-TR DC3 BY OMZ
G6KU-2G-Y-TR DC3 BY OMZ/C
G6KU-2G-Y-TR DC4.5
G6KU-2G-Y-TR DC4.5 BY OMZ
G6KU-2G-Y-TR DC4.5 BY OMZ/C
G6KU-2G-Y-TR DC5
G6KU-2G-Y-TR DC5 BY OMZ
G6KU-2G-Y-TR DC5 BY OMZ/C
G6KU-2G-Y-TR DC6
G6KU-2G-Y-TR DC6 BY OMZ

Models / Specification
G6KU-2G-Y-TR DC9
G6KU-2G-Y-TR DC9 BY OMZ
G6KU-2G-Y-TR DC9 BY OMZ/C
G6KU-2P-Y DC12
G6KU-2P-Y DC12 BY OMZ
G6KU-2P-Y DC12 BY OMZ/C
G6KU-2P-Y DC2 BY OMZ
G6KU-2P-Y DC24
G6KU-2P-Y DC24 BY OMZ
G6KU-2P-Y DC24 BY OMZ/C
G6KU-2P-Y DC3
G6KU-2P-Y DC3 BY OMZ
G6KU-2P-Y DC3 BY OMZ/C
G6KU-2P-Y DC4.5
G6KU-2P-Y DC4.5 BY OMZ
G6KU-2P-Y DC4.5 BY OMZ/C
G6KU-2P-Y DC5
G6KU-2P-Y DC5 BY OMZ
G6KU-2P-Y DC5 BY OMZ/C
G6KU-2P-Y DC6
G6KU-2P-Y DC6 BY OMZ
G6KU-2P-Y DC9
G6KU-2P-Y DC9 BY OMZ

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.