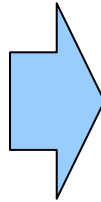


## G3MB PCB Solid State Relays to be Discontinued, End of March ~ 2010 ~

Effective **March 23, 2010**, the G3MB series Solid State Relays will be discontinued. The recommended replacement for this SSR is the **G3MC series**. Please **NOTE**, however: the G3MB "4" models are **not** footprint compatible with the alternate series; Terminal 1 differs between the two. The G3MB-202P(L)EG-4 DC20MA relays, without Input Resistor, currently have no G3MC equivalent. A potential G3MC replacement is possible, but again, will not be footprint compatible.

### Discontinued Product:

G3MB Series Relays



### Recommended Replacement

G3MC Series Relays



### Differences from Discontinued Models:

Model	Body Color	Dimensions	Footprint	Terminal Width	Without Input Resistor	Safety Approvals	Output Ratings
G3MB-102PL	**	*	**	*	NA	*	**
G3MB-202P	**	*	**	*	NA	*	**
G3MB-202P-4	**	*	*	*	NA	*	**
G3MB-202PL	**	*	**	*	NA	*	**
G3MB-202PEG-4	**	*	*	*	^	*	**
G3MB-202PLEG-4	**	*	*	*	^	*	**

- \*\* : Fully compatible
- \* : The change is a little! Almost compatible
- ^ : Not compatible

## Footprint:

The G3MC series is footprint compatible with *most* G3MB's, with the exception of G3MB "4" ~ see below~

Product discontinuation G3MB		G3MB "4"	Recommended replacement G3MC-202
<p><b>G3MB</b></p> <p>Four 1.0 (0.04) dia. 2.54 (0.1)</p>	<p><b>G3MB (-4)</b></p> <p>Four 1.0 (0.04) dia. 2.54 (0.1)</p>	<p><b>PCB Dimensions (Bottom View)</b></p> <p>2.54 (0.10) Four, 1.0 (0.04) dia. holes</p>	

## Terminal Width:

Product discontinuation G3MB		G3MB "4"	Recommended replacement G3MC-202
<p><b>G3MB</b></p> <p>Four 1.0 (0.04) dia. 2.54 (0.1)</p>	<p><b>G3MB (-4)</b></p> <p>Four 1.0 (0.04) dia. 2.54 (0.1)</p>	<p><b>PCB Dimensions (Bottom View)</b></p> <p>2.54 (0.10) Four, 1.0 (0.04) dia. holes</p>	

## Body Color & Markings:

Example: **G3MB-202P DC24** → **G3MC-202P VD DC24**

Note: "VD" type has UL, CSA, and VDE stamped on the relay

Discontinued Product G3MB	Recommended replacement G3MC

## Dimensions:

Product discontinuation G3MB-202P, G3MB-202PL	Recommended replacement G3MC-202P, G3MC-202PL

## Safety Approvals:

Product discontinuation G3MB	Recommended replacement G3MC-202P
<p><a href="#">UL File# E64562</a>                      SSR Type, Load Type, UL Rating                      –G3MB-102P                      General Purpose, 2A, 120VAC                      Tungsten, 1A, 120VAC                      Motor 1.6FLA, 9.6LRA, 120VAC                      –G3MB-202P, 202PL, 202PEG-4,                      202PLEG-4                      General Purpose 2A, 240VAC                      Tungsten, 1A, 240VAC                      Motor 1.6FLA, 9.6LRA, 240VAC</p>	<p><a href="#">UL File# E64562</a>                      SSR Type, Load Type, UL Rating                      –G3MC-202P, 202PL                      General Purpose, 2A, 240VAC                      Motor 1.2FLA, 7.2LRA, 240VAC</p>

## Additional Variance – NOTE:

Presently, there are no replacements for G3MB-202P(L)EG-4 DC20MA relay models; all G3MC Models are currently made with an Input Resistor. To review the difference, please see below:

### Models without Input Resistor

Input specifications	Operating characteristics			
Rated current	Continuous current	Must operate current	Must release current	Operating current
20 mA DC	20 mA DC	7 mA DC max.	1 mA DC min.	7 to 20 mA
LED forward current	50 mA max.			
Repetitive peak LED forward current	1 A max.			
LED reverse voltage	5 V max.			

### ■ Recommended LED Operating Conditions

#### Models without Input Resistor

	Min.	Standard	Max.
LED forward current	5 mA	10 mA	20 mA
Must drop voltage	0	—	1 V