

Product Discontinuation Notice

December 17, 2009

Solid State Relay

No.ICDRY-080040

Solid State Relays (Single-phase) G3PB series

Solid State Contactors (Three-phase) G3PB-2(N)/-3(N) series

Product Discontinuation

Recommended Replacement



Solid State Relays
Solid State contactors

Solid State Relays
Solid State contactors

G3PB series
G3PB-2(N)/-3(N) series



G3PE series
G3PE-2(N)/-3(N) series

Discontinuation date : March 29, 2010; Last Time Buy Date: March 22, 2010

Caution on recommended replacement

- The shape of G3PE terminal cover is a little different
- The height is 4.5mm taller.(G3PE-□□□B-2(H)(N) and G3PE-□□□B-3(H)(N) models only)
- Last Time Buy Date is subject to factory capacity. Recommend placing Last Time Buy before February 1st, 2010

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation method
G3PE	**	**	*	**	**	**	**
G3PE-2(N)/-3(N)	**	*	*	**	**	**	**

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

Product Discontinuation and recommended replacement

Product discontinuation (G3PB)	Recommended replacement (G3PE)
G3PB-215B-VD DC12-24	G3PE-215B DC12-24
G3PB-225B-VD DC12-24	G3PE-225B DC12-24
G3PB-235B-VD DC12-24	G3PE-235B DC12-24
G3PB-245B-VD DC12-24	G3PE-245B DC12-24
G3PB-515B-VD DC12-24	G3PE-515B DC12-24
G3PB-525B-VD DC12-24	G3PE-525B DC12-24
G3PB-535B-VD DC12-24	G3PE-535B DC12-24
G3PB-545B-VD DC12-24	G3PE-545B DC12-24
G3PB-215B-2-VD DC12-24	G3PE-215B-2 DC12-24
G3PB-225B-2-VD DC12-24	G3PE-225B-2 DC12-24
G3PB-235B-2-VD DC12-24	G3PE-235B-2 DC12-24
G3PB-245B-2-VD DC12-24	G3PE-245B-2 DC12-24
G3PB-215B-3-VD DC12-24	G3PE-215B-3 DC12-24
G3PB-225B-3-VD DC12-24	G3PE-225B-3 DC12-24
G3PB-235B-3-VD DC12-24	G3PE-235B-3 DC12-24
G3PB-245B-3-VD DC12-24	G3PE-245B-3 DC12-24
G3PB-415B-2-VD DC12-24	G3PE-515B-2 DC12-24
G3PB-425B-2-VD DC12-24	G3PE-525B-2 DC12-24
G3PB-435B-2-VD DC12-24	G3PE-535B-2 DC12-24
G3PB-445B-2-VD DC12-24	G3PE-545B-2 DC12-24
G3PB-415B-3-VD DC12-24	G3PE-515B-3 DC12-24
G3PB-425B-3-VD DC12-24	G3PE-525B-3 DC12-24
G3PB-435B-3-VD DC12-24	G3PE-535B-3 DC12-24
G3PB-445B-3-VD DC12-24	G3PE-545B-3 DC12-24
G3PB-215B-2N-VD DC12-24	G3PE-215B-2N DC12-24
G3PB-225B-2N-VD DC12-24	G3PE-225B-2N DC12-24
G3PB-235B-2N-VD DC12-24	G3PE-235B-2N DC12-24
G3PB-245B-2N-VD DC12-24	G3PE-245B-2N DC12-24
G3PB-215B-3N-VD DC12-24	G3PE-215B-3N DC12-24
G3PB-225B-3N-VD DC12-24	G3PE-225B-3N DC12-24
G3PB-235B-3N-VD DC12-24	G3PE-235B-3N DC12-24
G3PB-245B-3N-VD DC12-24	G3PE-245B-3N DC12-24

Product discontinuation (G3PB)	Recommended replacement (G3PE)
G3PB-515B-2N-VD DC12-24	G3PE-515B-2N DC12-24
G3PB-525B-2N-VD DC12-24	G3PE-525B-2N DC12-24
G3PB-535B-2N-VD DC12-24	G3PE-535B-2N DC12-24
G3PB-545B-2N-VD DC12-24	G3PE-545B-2N DC12-24
G3PB-515B-3N-VD DC12-24	G3PE-515B-3N DC12-24
G3PB-525B-3N-VD DC12-24	G3PE-525B-3N DC12-24
G3PB-535B-3N-VD DC12-24	G3PE-535B-3N DC12-24
G3PB-545B-3N-VD DC12-24	G3PE-545B-3N DC12-24
G3PB-215B-2H-VD DC12-24	G3PE-215B-2H DC12-24
G3PB-225B-2H-VD DC12-24	G3PE-225B-2H DC12-24
G3PB-235B-2H-VD DC12-24	G3PE-235B-2H DC12-24
G3PB-245B-2H-VD DC12-24	G3PE-245B-2H DC12-24
G3PB-215B-3H-VD DC12-24	G3PE-215B-3H DC12-24
G3PB-225B-3H-VD DC12-24	G3PE-225B-3H DC12-24
G3PB-235B-3H-VD DC12-24	G3PE-235B-3H DC12-24
G3PB-245B-3H-VD DC12-24	G3PE-245B-3H DC12-24
G3PB-415B-2H-VD DC12-24	G3PE-515B-2H DC12-24
G3PB-425B-2H-VD DC12-24	G3PE-525B-2H DC12-24
G3PB-435B-2H-VD DC12-24	G3PE-535B-2H DC12-24
G3PB-445B-2H-VD DC12-24	G3PE-545B-2H DC12-24
G3PB-415B-3H-VD DC12-24	G3PE-515B-3H DC12-24
G3PB-425B-3H-VD DC12-24	G3PE-525B-3H DC12-24
G3PB-435B-3H-VD DC12-24	G3PE-535B-3H DC12-24
G3PB-445B-3H-VD DC12-24	G3PE-545B-3H DC12-24
G3PB-515B-2H-VD DC12-24	G3PE-515B-2H DC12-24
G3PB-525B-2H-VD DC12-24	G3PE-525B-2H DC12-24
G3PB-535B-2H-VD DC12-24	G3PE-535B-2H DC12-24
G3PB-545B-2H-VD DC12-24	G3PE-545B-2H DC12-24
G3PB-515B-3H-VD DC12-24	G3PE-515B-3H DC12-24
G3PB-525B-3H-VD DC12-24	G3PE-525B-3H DC12-24
G3PB-535B-3H-VD DC12-24	G3PE-535B-3H DC12-24
G3PB-545B-3H-VD DC12-24	G3PE-545B-3H DC12-24

Dimensions

(Relevant model : G3PB-215B/225B/515B/-VD)

Product discontinuation	G3PE Recommended replacement
	<p>Note : The change of terminal cover to improve finger protection.</p>

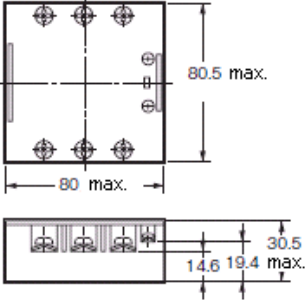
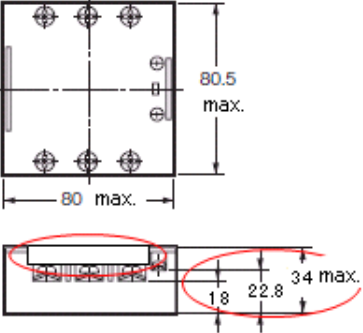
Dimensions

(Relevant model : G3PB-235B/245B/535B/545B/-VD)

Product discontinuation	G3PE Recommended replacement
	<p>Note : The change of terminal cover to improve finger protection.</p>

Dimensions

(Relevant model : G3PB-2□□B-2(H)(N)-VD、G3PB-2□□B-3(H)(N)-VD、
G3PB-4□□B-2(H)-VD、G3PB-4□□B-3(H)-VD
G3PB-5□□B-2(H)(N)-VD and G3PB-5□□B-3(H)(N)-VD)

Product discontinuation	G3PE Recommended replacement
	 <p>Note 1) The change of terminal cover to improve finger protection. 2) Height change</p>
<p>Size of heat-sink is the same</p>	

Characteristics

(Relevant model : G3PB-4□□B-2(H)-VD and G3PB-4□□B-3(H)-VD)

Product discontinuation	G3PE Recommended replacement
<p>1. Rated load voltage : AC200V~400V (50/60Hz)</p> <p>2. Load voltage range : AC180V~440V (50/60Hz)</p>	<p>1. AC200V~480V (50/60Hz)</p> <p>2. AC180V~528V (50/60Hz)</p>

Characteristics

(Relevant model : G3PB-445B-3-VD、G3PB-435B-3-VD、G3PB-545B-3N-VD
and G3PB-535B-3N-VD)

Product discontinuation	G3PE Recommended replacement																					
<p>Load Current vs. Ambient Temperature</p> <table border="1"> <caption>Data for Discontinued Models</caption> <thead> <tr> <th>Ambient temperature (°C)</th> <th>G3PB-445B-3-VD, G3PB-545B-3N-VD (A)</th> <th>G3PB-435B-3-VD (A)</th> <th>G3PB-535B-3N-VD (A)</th> </tr> </thead> <tbody> <tr> <td>-30 to 25</td> <td>45</td> <td>35</td> <td>30</td> </tr> <tr> <td>25 to 80</td> <td>45 to 14</td> <td>35 to 14</td> <td>30 to 14</td> </tr> </tbody> </table>	Ambient temperature (°C)	G3PB-445B-3-VD, G3PB-545B-3N-VD (A)	G3PB-435B-3-VD (A)	G3PB-535B-3N-VD (A)	-30 to 25	45	35	30	25 to 80	45 to 14	35 to 14	30 to 14	<p>Load Current vs. Ambient Temperature</p> <p>Note: The same spec. as the present model.</p> <table border="1"> <caption>Data for Recommended Replacement Models</caption> <thead> <tr> <th>Ambient temperature (°C)</th> <th>G3PE-545B-3(N) (A)</th> <th>G3PE-535B-3(N) (A)</th> </tr> </thead> <tbody> <tr> <td>-30 to 25</td> <td>45</td> <td>35</td> </tr> <tr> <td>25 to 80</td> <td>45 to 14</td> <td>35 to 14</td> </tr> </tbody> </table>	Ambient temperature (°C)	G3PE-545B-3(N) (A)	G3PE-535B-3(N) (A)	-30 to 25	45	35	25 to 80	45 to 14	35 to 14
Ambient temperature (°C)	G3PB-445B-3-VD, G3PB-545B-3N-VD (A)	G3PB-435B-3-VD (A)	G3PB-535B-3N-VD (A)																			
-30 to 25	45	35	30																			
25 to 80	45 to 14	35 to 14	30 to 14																			
Ambient temperature (°C)	G3PE-545B-3(N) (A)	G3PE-535B-3(N) (A)																				
-30 to 25	45	35																				
25 to 80	45 to 14	35 to 14																				

Safety standard

(Relevant model : G3PB-5□□B-VD、G3PB-2□□B-2(H)(N)-VD、
G3PB-2□□B-3(H)(N)-VD、G3PB-4□□B-2(H)-VD、
G3PB-4□□B-3(H)-VD、G3PB-5□□B-2(H)(N)-VD
and G3PB-5□□B-3(H)(N)-VD)

Product discontinuation	G3PE Recommended replacement
UL、CSA and EN (VDE) approval	UL、CSA and EN (TUV) approval CE Mark also appears on G3PE Relay Models All approvals in place by 9-1-2009 Production

RoHS

All G3PB Models*

Product discontinuation	Recommended replacement
No RoHS Compliant except as noted below	RoHS Compliant all models

*G3PB-215B-VD and G3PB-225B-VD are RoHS Compliant Relay Models.