

Short-circuit Units

G32A-D

CSM_G32A-D_DS_E_1_3

Refer to *Safety Precautions for All Solid State Relays*.

Allows 2-wire Switching of 3-phase Power

- Ideal for 2-wire switching of 3-phase heaters.
- Improve ease of operation.



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Model Number Structure

Model Number Legend

G32A-D□-US

1 2 3 4

1. Basic Model Type

G32A: Accessory for G3PA

2. Basic Model Name

D: Short-circuit Unit

3. Rated Carry Current

20: 20 A

40: 40 A

4. Certification

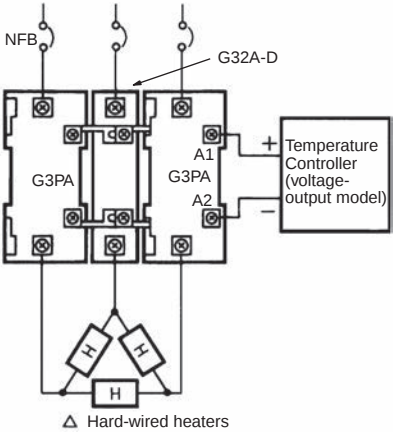
US: Certified by UL and CSA

Ordering Information

List of Models

Name	Current flow	Applicable SSR	Model
Short-circuit Unit	10 A	G3PA-210B-VD-X	G32A-D20-US
	20 A	G3PA-220B-VD-X G3PA-420B-VD	
	30 A	G3PA-430B-VD	G32A-D40-US
	40 A	G3PA-240B-VD	

Application Example



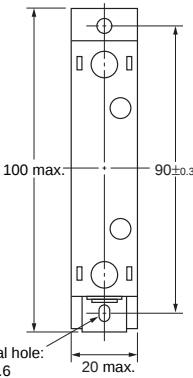
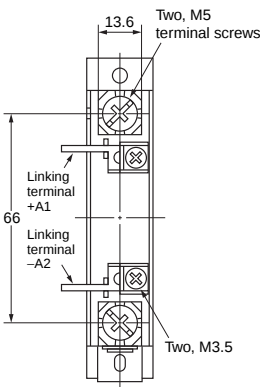
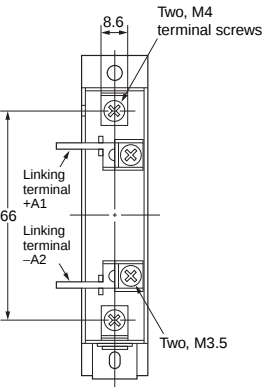
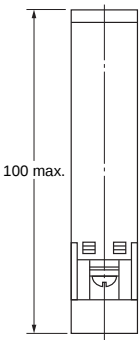
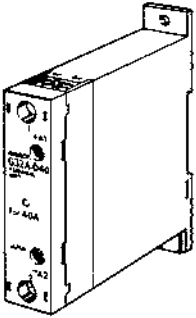
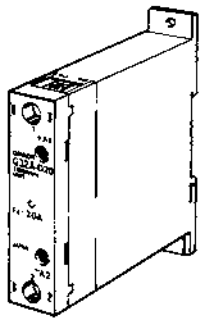
Note: When performing 2-wire switching of 3-phase power, the leakage current that is generated when the SSR with the shorted phase is turned OFF will increase by a factor of 1.7.

Dimensions

Note: All units are in millimeters unless otherwise indicated.

G32A-D20

G32A-D40

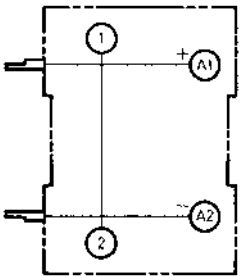


Note: Without terminal cover

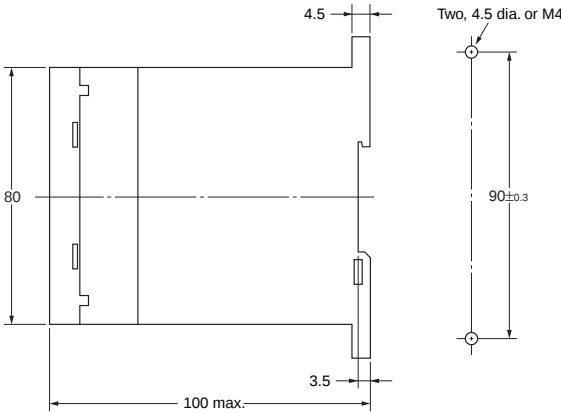
Note: Without terminal cover

Note: With terminal cover.

Terminal Arrangement/
Internal Circuit Diagram



Mounting Holes



Safety Precautions

Refer to *Safety Precautions for All Solid State Relays*.

■Precautions for Correct Use

Refer to *G3PA* for the linking terminal connection procedure.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

In the interest of product improvement, specifications are subject to change without notice.

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