



Σ-V SERIES AC SERVOPACK SGDV SAFETY PRECAUTIONS SUPPLEMENT

For 100 V Input SGDV-□□□B□□A SERVOPACK

Type SGDV-□□□B□□A



To properly use the product, read this supplement thoroughly and retain for easy reference, inspection, and maintenance. Ensure the end user receives this supplement.

MANUAL NO. TOBP C710829 02A

This supplement provides information on the SGDV-□□□B□□A SERVOPACK. The section numbers correspond to those in the manual. Please keep this document together with the following manual for easy reference.

Σ-V SERIES AC SERVOPACK SGDV SAFETY PRECAUTIONS (Manual no.: TOBP C710800 10)

Notes for Safe Operation

 WARNING	
	<ul style="list-style-type: none"> Connect the ground terminal to electrical codes (ground resistance: 100 Ω or less). <p>Improper grounding may result in electric shock or fire.</p>

2 Installation

Situation	Notes on Installation
When installed in a control panel	When installing multiple SERVOPACKs side by side in a control panel, install cooling fans and provide sufficient space around each SERVOPACK to allow cooling by fan and natural convection. Provide a space of 5 mm or more between each of the SGDV-R70B, -1R0B SERVOPACKs.


3 Wiring

3.1 Molded-case Circuit Breaker and Fuse

SERVOPACK Model SGDV-	Power Supply Capacity per SERVOPACK (kVA)	Rated Input Current of SERVOPACK (A_{rms})	
		Main circuit power supply	Control circuit power supply
R70B	0.1	0.56	0.38
1R0B		0.84	

3.3 Wire Size and Tightening Torque

Wire Size and Tightening Torque for Connectors

SERVOPACK Model SGDV-	Terminal Symbol and Wire Size (mm ²)					Ground Terminal	
	L1, L2	U, V, W	L1C, L2C	B1/+, B2		Terminal Screw Size	Tightening Torque (N·m)
R70B	HIV1.25	HIV1.25	HIV1.25	HIV1.25	HIV2.0 or more	M4	1.2 to 1.4
1R0B							

5 Compliance with CE Marking

6 Installation Conditions of UL Standards

The SGDV-□□□B□□A SERVOPACK has not obtained certification showing compliance with CE marking and UL standards as of November 1, 2008.

7 Overload Characteristics

Graph Type	Motor Type
	SGMMJ
A	-A1B to -A3B
B	-
C	-



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In the event that the end user of this product is to be the military and said product is to be employed in any weapons systems or the manufacture thereof, the export will fall under the relevant regulations as stipulated in the Foreign Exchange and Foreign Trade Regulations. Therefore, be sure to follow all procedures and submit all relevant documentation according to any and all rules, regulations and laws that may apply.

Specifications are subject to change without notice for ongoing product modifications and improvements.

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