

VF-S15 Option Adapter

Instruction Manual

Notice

1. Make sure that this instruction manual is delivered to the end user of option adapter.
2. Read this manual before installing the option adapter. Keep it in a safe place for reference.
3. All information contained in this manual will be changed without notice. Please contact your Toshiba distributor to confirm the latest information.

Safety Precautions

There is important information on the inverter and in its instruction manual for proper use of the device to prevent injury to users or damage to property. **Read the instruction manual attached to the inverter to understand the safety precautions, the symbols and indications completely.** Please observe the contents of these manuals at all times. For detailed functions and operation of this unit, please refer to the inverter's instruction manual (E6581611).

■ Limitation of use

**Warning**

 Prohibited	<ul style="list-style-type: none"> <li>• Never use the option with any device other than VF-S15 inverter. This will result in accident.</li> </ul>
--	--

■ Handling in general

**Warning**

 Disassembly prohibited	<ul style="list-style-type: none"> <li>• Never disassemble, modify or repair the option. This can result in electric shock, fire or injury. For repairs, call your Toshiba distributor.</li> </ul>
 Prohibited	<ul style="list-style-type: none"> <li>• Do not put or insert any kind of objects into the option (electrical wire cuttings, rods, wires etc). This can result in electric shock or fire.</li> <li>• Do not splash water or any other fluid over the option, do not touch the option with wet hands. This can result in electric shock or fire.</li> <li>• Do not apply shock (falling, etc.) on the option. This can result in damage or malfunction.</li> <li>• Do not touch the connector to inverter (refer to the outline drawing). This can result in malfunction.</li> </ul>
 Mandatory action	<ul style="list-style-type: none"> <li>• Turn off the power immediately in case of abnormalities such as smoke, abnormal odor, noise. Neglect of these conditions can result in fire. For repairs, call your sales distributor.</li> <li>• Operate under the environmental conditions prescribed in this manual. Operations under any other condition can result in malfunction.</li> </ul>

■ Disposal

**Caution**

 Prohibited	<ul style="list-style-type: none"> <li>• If you dispose of the option, have it done by a specialist in industrial waste disposal*. Improper disposal can lead to explosion of noxious gases resulting in accident.</li> <li>(*) Persons who specialize in the processing of waste and known as "Industrial Waste Product Collectors and Transporters" or "Industrial Waste Disposal Persons." If the collection, transport and disposal of industrial waste are done by someone who is not licensed for that job, it is a punishable violation of the law (Laws in regard to cleaning and processing of waste materials).</li> </ul>
--	--

■ Wiring-Installation

**Warning**

 Prohibited	<ul style="list-style-type: none"> <li>• Do not use the option if it is damaged or any part of it is missing. Operating the defective product can result in electric shock or fire. For repairs, call your sales distributor.</li> <li>• Do not connect any communication device other than applicable communication options to the option adapter. This can result in malfunction or accident.</li> <li>• Do not pull the cable and the connector connected to the option. This can result in damage or malfunction.</li> </ul>
 Mandatory action	<ul style="list-style-type: none"> <li>• The following steps must be performed before wiring and installation. Turn off all input power, wait at least 15 minutes, and confirm that the charge lamp of inverter is no longer lit. If steps above are not properly performed, this can result in electric shock.</li> </ul>
 Be Grounded	<ul style="list-style-type: none"> <li>• Ground must be connected securely. If the ground is not securely connected, it could lead to malfunction.</li> </ul>

Accessories

Option adapter is shipped together with the following accessories.

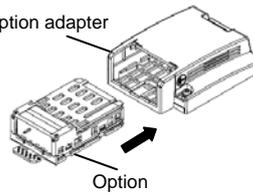
- (1) User's manual.....1 copy 
- (2) DANGER label kit.....1 sheet 
- (3) Grounding wire.....1 pcs 

Mounting and wiring

■ Mounting of option

\* 3PH-200V 0.75kW inverter is shown in the picture.

Option adapter

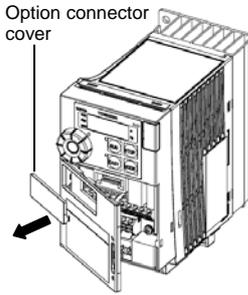


① Insert option into option adapter.

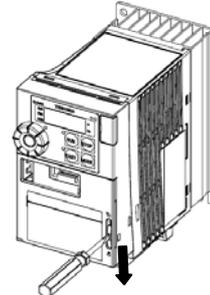
\*N.B.:

Mount option adapter to inverter after option insertion. Insert the option straightly and slowly along the guide inside option adapter. Neglect of this will result in the broken of connector pins.

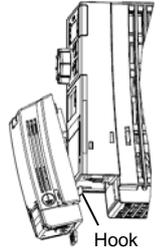
Option connector cover



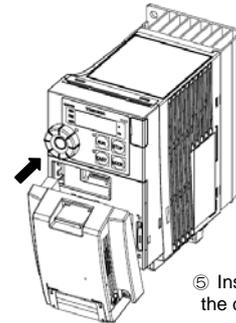
② Remove the option connector cover on control terminal cover.



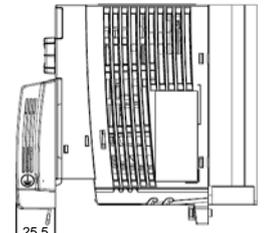
③ Lock the control terminal cover.



④ Hang the hook of option adapter on the control terminal cover.

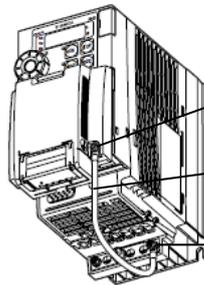


⑤ Insert the connector in the direction of arrow.



After mounting option adapter, the depth of inverter is 25.5mm up.

■ Earth wire wiring



Grounding terminal of option adapter  
Recommended tightening torque: 0.5N · m

Connect attached grounding cable to grounding terminal of inverter.

Grounding terminal of inverter

Product Specification

Item	Specification
Type form	SBP009Z
Applicable model	VF-S15
Applicable option	Please refer to VF-S15 instruction manual (E6581611).
Operation Environment	In accordance with VF-S15
Protection(IP code)	IP20 with communication option mounted and option adapter mounted to inverter

Warranty

Any part of the option adapter that is proved to be defective will be exchanged under the following conditions:

1. This warranty applies only to the option adapter unit.
2. Any part of the option adapter which fails or is damaged under normal use within 1 year from the date of delivery will be exchanged free of charge.
3. For the following kinds of failure or damage, the exchange cost shall be borne by the customer even within the warranty period.
  - i) Failure or damage caused by improper or incorrect use or handling, or unauthorized repair or modification of the option.
  - ii) Failure or damage caused by falling or an accident during transportation after the purchase.
  - iii) Failure or damage caused by fire, salty water or wind, corrosive gas, earthquake, storm or flood, lightning, abnormal voltage supply, or other natural disasters.
  - iv) Failure or damage caused by the use of the option adapter for any purpose or application other than the intended one.
4. All expenses incurred by Toshiba for on-site services shall be charged to the customer, unless a service contract is signed beforehand between the customer and Toshiba, in which case the service contract has priority over this warranty.