



Toshiba TOSVERT VF Series Instruction Manual

Remote keypad

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E6581277©

TOSHIBA
TOSVERT VF series

Remote Keypad Instruction Manual

RKP002Z

Note

1. Read this manual carefully before using the product. After reading, the user should keep this manual at hand to use it for maintenance and inspection in the future.

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2. Please be informed that the contents of this document may be changed without notice.

E6581277REV06

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Summary of Contents for Toshiba TOSVERT VF Series

Page 1 E6581277® TOSVERT VF series Remote Keypad Instruction Manual RKP002Z Note 1. Read this manual carefully before using the product. After reading, the user should keep this manual at hand to use it for maintenance and inspection in the future. 2. Please be informed that the contents of this document may be changed without notice.

Page 2: Safety Precautions

Handling WARNING Never disassemble, modify or repair. This can result in electric shock, fire and other injuries. Please call your Toshiba distributor for repairs. Prohibition Do not place or insert any kind of object (electrical wire cuttings, rods, wires etc.) inside the inverter.

Page 3 Transporting or installing under any other conditions will result in failure. Mandatory All options to be used must be those specified by Toshiba. (Refer to page 4.) action The use of options other than those specified by Toshiba will result in an accident.

Page 4 E6581277 □ Disposal CAUTION If you dispose of the option, have it done by a specialist in industry waste disposal* If you dispose of the option by yourself, this can result in explosion of capacitor or production of noxious gases, resulting in injury. action *1 Persons who specialize in the processing of waste and known as “industrial waste product collectors and transporters”...

Page 5: Introduction

E6581277 Introduction Thank you for purchasing Remote Keypad (RKP002Z) for TOSVERT series inverters. Using this product, panel operation, display and adjustment of the inverter can be remotely controlled from up to 5 meters away. You can copy data from one place to another

and then execute data comparison between the inverter and the memory of Remote Keypad or between the memories of Remote Keypad itself.

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[Page 7: Overview](#)

E6581277 1. Overview The following seven functions are available with Remote Keypad. 1. Function to serve as remote operation panel. Remote Keypad can be used as a remote operation panel for the inverter. 2. Copying function Data can be copied from one memory to another memory among the four memories, three (memories A, B, C) on Remote Keypad and one on the inverter.

[Page 8: Names And Functions Of Main Parts](#)

E6581277 2. Names and functions of main parts The drawings below show names and functions of main parts. □ Front view PRG lamp MON lamp EASY lamp RUN lamp Display Lights when the inverter is Lights when the inverter Lights when the inverter Lights when an ON Displays setting, in parameter setting mode.

[Page 9: Connection And Start-Up](#)

E6581277 □ Operation keys and their functions in "COPY MODE" The operation key's functions in "COPY MODE" are explained in the following table. Operation Operation Function Function Memory A key (Exclusive key for simple copying) Memory B key In the simple copying function, this key (Exclusive key for simple copying) STOP is used to specify memory A of Remote...

[Page 10: Functions In Detail](#)

E6581277 4. Functions in detail Remote Keypad can be used as remote operation panel ("REMOTE KEYPAD MODE") or parameter back-up device ("COPY MODE"). When the "COPY MODE" lamp is lit when turning power on, Remote Keypad operates in "COPY MODE", otherwise in "REMOTE KEYPAD MODE". 4.1.

[Page 11: Copying Function "Copy](#)

E6581277 4.3.1. Copying function "copy" The data stored in a memory can be copied to another memory selected from among four memories (the inverter's memory and Remote Keypad memories A, B, and C). Remote Keypad can not be used to copy parameters from one inverter to another inverter of a different series. N.B.: To copy the data to the inverter's memory, do it when the inverter has stopped.

[Page 12: Simple Copying Function](#)

E6581277 4.3.2. Simple copying function The data stored in the memory A, B or C of Remote Keypad can be copied to the inverter's memory with simple operation of two keys to select one of the memories A, B and C. Use this function to set the same parameters to more than two inverters.

[Page 13: Comparing Function "Comp](#)

E6581277 4.3.3. Comparing function "comp" This function enables the operator to compare data stored in two memories selected from among four memories (the inverter's memory and Remote Keypad memories A, B, and C) as well as to search for parameters that differ from each other. The comparing function cannot be used for editing parameters because it is provided only for searching parameters that differ from each other.

[Page 14: Memory Protection Function "Prot](#)

E6581277 4.3.4. Memory protection function "prot" The memory protection function protects the selected memory from being overwritten. When this function is initiated copying data to the memory is prohibited. Reading the memory data is permitted. When all the memories are initialized by memory initialization function (clr), the LED indications are as follows: "in", "a",

"b", "c"...

[Page 15: Memory Initializing Function "Clr](#)

E6581277 4.3.5. Memory initializing function "clr" A selected one of the memories either memory A, B, C of Remote Keypad is enable to be initialized with this function. In addition, all memories including system memory of Remote Keypad is also enable to be initialized.

[Page 16: Specifications](#)

E6581277 Operating procedure LED indication Key operation and description → "copy" "comp" < Selecting a desired function > → → Select "f- " (Remote Keypad parameter editing function) with the [SFT] key. "prot" "clr" → "f- " < Entering the selected function > →...

[Page 17: Outline Drawing](#)

E6581277 6. Outline drawing □ Following is the outline drawing of Remote Keypad (Unit: mm) 4-M3 Screw BOX color: JIS N1.5(Black) Approx. mass: 0.11kg...

[Page 18](#) E6581277 □ Mounting Mount Remote Keypad on the front of the panel board as illustrated below. On the front of the panel board, cut the area shown below for mounting Remote Keypad. Then, fix Remote Keypad on the panel board with the mounting screws (M3 x 12) supplied as accessories. (M3 screw tightening torque: 0.6 N ..

[Page 19: Before Contacting Your Toshiba Distributor](#)

E6581277 7. Before contacting your Toshiba distributor If a problem arises, please see the following trouble-shooting tables. If the problem can not be solved, please contact a Toshiba distributor. 7.1. Error message Malfunction indications: Indicated by flashing LED display Error Code...

[Page 20: Warning Indications](#)

E6581277 7.3. Warning indications Warning indications: Indicated by flashing LED display. Warning Code Problem and Solutions display The target memory to copy data or to initialize is write protected. Copying any data to prot□ PROT the memory or initializing the memory cannot be executed. Press the [ESC] key to cancel.

[Page 21: Warranty](#)

- Any compensations for the results of your product replacement, readjustment of the local equipment after replacement, launch test, inspections, or any other operations. ■Service after the stop production Please ask Toshiba distributor of purchase about the stop of production and repair work for each product.

This manual is also suitable for:

Rkp002z