**WIRING PRECAUTIONS**

- **WARNING**
  - Correctly wire the Connector Conversion Box power supply section after confirming the rated voltage and terminal arrangement of the GOT. Not doing so can cause a fire or failure.
  - Exercise care to avoid foreign matter such as chips and wire offcuts entering the GOT. Not doing so can cause a fire, failure or malfunction.

- **CAUTION**
  - Plug the communication cable into the connector of the connected unit and tighten the mounting and terminal screws in the specified torque range. Undertightening can cause a short circuit or malfunction. Overtightening can cause a short circuit or malfunction due to the damage of the screws or unit.

**STARTUP/MAINTENANCE PRECAUTIONS**

- **CAUTION**
  - The cables connected to the unit must be run in ducts or clamped. Not doing so can cause the unit or cable to be damaged due to the dangling, motion or accidental pulling of the cables or can cause a malfunction due to a short circuit fault.
  - When unplugging the cable connected to the unit, do not hold and pull the cable portion. Doing so can cause the unit or cable to be damaged or can cause a malfunction due to a cable connection fault.

**DISPOSAL PRECAUTIONS**

- **CAUTION**
  - When disposing of the product, handle it as industrial waste.

**Certiﬁcation of UL, cUL standards**

UL, cUL Standards are recognized in use by the following combination.

- GT2505HS-VTBD
- GT14HANDY (GT145HS-V1BD series, GT145HS-VMBD series) ²
- GT16-CNB
- External cable (GT14H-C40-20, GT14H-C40-20P, GT14H-C40-250P) ³

Cable must be properly installed and routed to ensure protection of the Cable:

1. Hardware version B or later
2. Hardware version D or later
3. Version B or later

**General notes on power supply**

This equipment must be supplied by a UL Listed or Recognized 24 V DC (+10% -15%) rated power supply and UL Listed or Recognized fuse rated not higher than 4A, or a UL Listed Class 2 power supply.

**Related Manuals**

When using the external cable, prepare the following manuals as well. As GT14 Handy GOT User’s Manual is sold separately, inquire at your local distributor for it.

**Manual name** | **Manual Number** | **Model Code** | **Contents**
--- | --- | --- | ---
GOT2000 Series User’s Manual | SH-0B1145EHK (100N5) | Describes the GOT hardware relevant to external input/output such as part names, external dimensions, mounting, power supply wiring, specifications, and introduction to option devices
GOT2000 Series Handy GOT | SH-0B1145EHK (100N5) | Describes system configurations of the connection method applicable to GT2000 Series Handy GOT and cable creation method
GOT14 Handy GOT User’s Manual | JY97050201, JY97050202, JY97050203 (5696S) | Describes the GOT Hardware-relevant content such as part names, external dimensions, mounting, power supply wiring, specifications, and introduction to option devices

**External dimensions**

- GT14H-C40-20P: About 95 (3.75")
- GT14H-C40-20P: About 140 (5.5")

**Value of [ ]** | **Length L (mm) (inch)**
--- | ---
30 | 300.0 (11.8")
60 | 600.0 (23.6")
100 | 1000.0 (39.4")

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**2. Installing and removing of external cable**

**2.1 Handy GOT side**

1. **Installation procedure of external cable**
   - Check that the 24 V DC power to the external cable is OFF.
   - Install the connector adjusting the triangle marks of the main unit side connector and cable side connector. (The connectors are locked after the lever is inserted.)

2. **Removal procedure**
   - Check that the 24 V DC power to the external cable is OFF.
   - Pull out the cable while turning the triangle mark side of the cable side connector to the left.

**2.2 Connection Box, GT16H-CNB-42S side**

1. **Installation procedure of external cable**
   - Check that the 24 V DC power to the external cable is OFF.
   - Install the connector adjusting the triangle marks of the main unit side connector and cable side connector.

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**3. Operating ambient temperature**

- Indoor: 0 to 40°C
- Outdoor: -10 to 40°C

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**For use safe**

- This product has been manufactured as a general-purpose part for general industries, and has not been designed or manufactured to be incorporated in a device or system used in purposes related to human life.
- Before using the product for special purposes such as nuclear power, electric power, aerospace, medicine or passenger movement vehicles, consult with Mitsubishi Electric Corporation.
- This product has been manufactured under strict quality control. However, when installing the product where major accidents or losses could occur if the product fails, install appropriate backup or fail-safe functions in the system.