

MITSUBISHI ELECTRIC

GOT2000 Series

Environmental Protection Sheet for GT25 Open Frame Model

User's Manual

GT25F-12ESGS
GT25F-10ESGS
GT25F-08ESGS

Thank you for purchasing the GOT2000 Series.

Prior to use, please read both this manual and detailed manual thoroughly to fully understand the product.

| | |
|---------------------------|---------------|
| MODEL | GT25F-ES-U-JE |
| MODEL CODE | 1D7MQ6 |
| IB(NA)-0800555-A(1512)MEE | |

GOT2000

SAFETY PRECAUTIONS

(Always read these precautions before using this equipment.)

Before using this product, please read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safety to handle the product correctly.

The precautions given in this manual are concerned with this product. In this manual, the safety precautions are ranked as "WARNING" and "CAUTION".

WARNING Indicates that incorrect handling may cause hazardous conditions, resulting in death or severe injury.

CAUTION Indicates that incorrect handling may cause hazardous conditions, resulting in medium or slight personal injury or physical damage.

Note that the CAUTION level may lead to a serious accident according to the circumstances. Always follow the precautions of both levels because they are important to personal safety. Please save this manual to make it accessible when required and always forward it to the end user.

INSTALLATION PRECAUTIONS

WARNING

- Correctly attach the environmental protection sheet on the display section of the GT25 open frame model by using the procedure in this manual.
- Make sure to fit the environmental protection sheet on the GOT display section closely without leaving any air between them. Incorrect attachment makes the GOT non-waterproof, resulting in a failure or malfunction.

INSTALLATION PRECAUTIONS

CAUTION

- Power off the GOT before attaching or removing the environmental protection sheet. Not doing so may cause an accident due to a false output or malfunction.

STARTUP AND MAINTENANCE PRECAUTIONS

CAUTION

- Visually check the environmental protection sheet every day. If you find extreme dirt, scratches, or peeling, immediately replace the sheet with a new one. Not doing so may decrease visibility, resulting in a failure or malfunction.

PRECAUTIONS FOR USE

CAUTION

- The environmental protection sheet is a consumable. If you find scratches, damage, peeling, extreme dirt, or others in a periodic check, replace the sheet with a new one.
- Do not push the environmental protection sheet with a sharp-pointed tool, such as a mechanical pencil or screwdriver. Doing so may cause scratches or damage.
- Do not clean the environmental protection sheet using a bleach, thinner, organic solvent, caustic chemical, or others. Doing so may cause a change in shape or color.
- Do not expose the environmental protection sheet to direct sunlight. If the sheet gets dust, wipe the sheet with a damp cloth.

DISPOSAL PRECAUTIONS

CAUTION

- Dispose of this product as industrial waste.

TRANSPORTATION PRECAUTIONS

CAUTION

- When fumigants that contain halogen materials such as fluorine, chlorine, bromine, and iodine are used for disinfecting and protecting wooden packaging from insects, they cause malfunction when entering our products. Please take necessary precautions to ensure that remaining materials from fumigant do not enter our products, or treat packaging with methods other than fumigation (heat method). Additionally, disinfect and protect wood from insects before packing products.

Manuals

The following shows manuals relevant to this product.

Detailed Manual

| Manual name | Manual number (Model code) |
|---|----------------------------|
| GOT2000 Series User's Manual (Hardware) (Sold separately) | SH-081194ENG (1D7MJ5) |

For detailed manuals, refer to the PDF manuals stored in the DVD-ROM for the drawing software used.

Relevant Manuals

For relevant manuals, refer to the PDF manuals stored in the DVD-ROM for the drawing software used.

The latest manuals are also available from MITSUBISHI ELECTRIC FA Global Website (<http://www.mitsubishielectric.com/fa/>).

© 2015 MITSUBISHI ELECTRIC CORPORATION

Packing List

After unpacking the box, check that the following products are included.

| Product | Quantity |
|---|----------|
| GOT2000 Series Environmental Protection Sheet for GT25 Open Frame Model | 1 |
| Stencil (with product and manufacturing information) | 1 |
| GOT2000 Series Environmental Protection Sheet for GT25 Open Frame Model User's Manual (This manual) | 1 |

1. OVERVIEW

This user's manual describes the GOT2000 series environmental protection sheet dedicated to GT25 open frame models (hereinafter referred to as the environmental protection sheet). Attaching the environmental protection sheet on the display section of the GT25 open frame model makes the GOT compliant with IP67. The environmental protection sheet protects the GOT display section from scratches and dirt when you operate touch keys.

The following shows the environmental protection sheets and the applicable GOT screen sizes.

| Model | Applicable GOT screen size |
|--------------|----------------------------|
| GT25F-12ESGS | 12.1" |
| GT25F-10ESGS | 10.4" |
| GT25F-08ESGS | 8.4" |

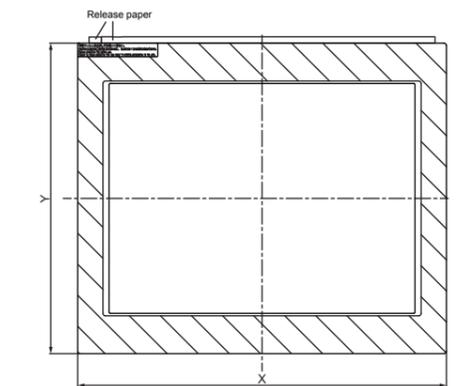
2. SPECIFICATIONS

The following shows the performance specifications of the environmental protection sheet. The general specifications of the environmental protection sheet are the same as those of the GOT. For the general specifications of the GOT, refer to the GOT2000 Series User's Manual (Hardware).

| Product | Model | Description |
|------------------|--------------|---|
| Protective sheet | GT25F-12ESGS | For 12.1" For conforming to IP67 ¹ Antiglare type Silvery |
| | GT25F-10ESGS | For 10.4" For conforming to IP67 ¹ Antiglare type Silvery |
| | GT25F-08ESGS | For 8.4" For conforming to IP67 ¹ Antiglare type Silvery |

¹: To conform to IP67 attach the environmental protection sheet. Note that the structure does not guarantee protection in all users' environments. The GOT may not be used in an environment where the GOT is exposed to oil or chemicals for a long time, or where oil mist fills the air.

3. EXTERNAL DIMENSIONS



| Item | X | Y | Thickness |
|--------------|---------------------------|--------------------------|-------------|
| GT25F-12ESGS | 299(11.77) ±0.2(0.008) | 252(9.92) ±0.2(0.008) | 0.32(0.013) |
| GT25F-10ESGS | 264(10.39) ±0.2(0.008) | 225(8.86) ±0.2(0.008) | |
| GT25F-08ESGS | 225(8.86) ±0.2(0.008) | 196(7.72) ±0.2(0.008) | |

Unit: mm (inch)

4. ATTACHMENT

The following table shows the material and surface treatment of the control panel recommended for attaching the environmental protection sheet.

| Item | Description |
|-------------------|---|
| Material | Stainless ¹ , aluminum ¹ , steel ² |
| Surface roughness | Ra0.2 to 0.5 (µm) |

¹: When you coat the environmental protection sheet, use melamine resins or acrylic resins.
²: The environmental protection sheet must be coated with melamine resins or acrylic resins.

Check that no dirt or damage is on the control panel on which the environmental protection sheet will be attached.

Since the environmental protection sheet cannot be reattached, make sure to check the attachment method and attach the sheet carefully.

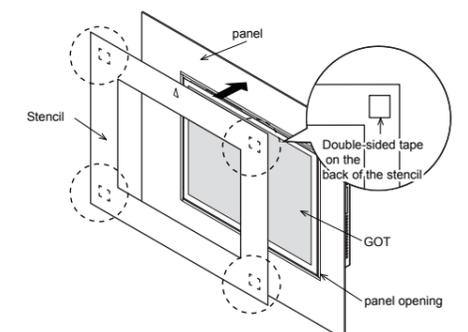
Check that the GT25 open frame model is installed properly, and then remove the protective film from the GOT.

Do not conduct this work in a dusty place, or foreign substances may adhere to the display section.

If an old environmental protection sheet is attached on the GOT, remove the sheet. For the removal method, refer to "5. REMOVAL".

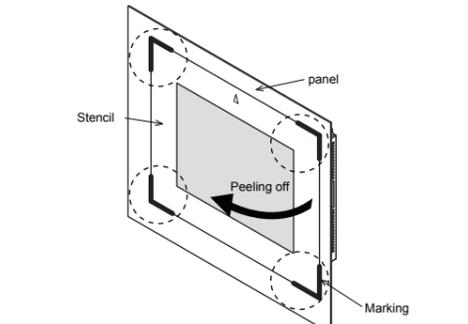
The following shows the procedure for attaching the environmental protection sheet on GT2512F-S as an example.

- Remove the inner part of the supplied stencil. Position the stencil on the panel opening, and attach the stencil using backside double-sided tape in four places.



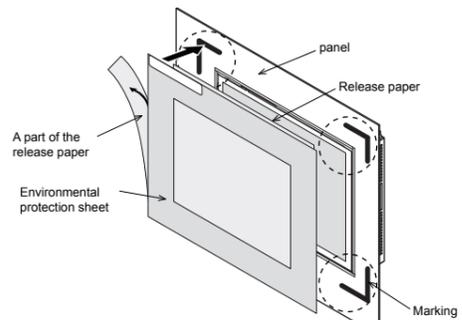
Check that the arrow on the stencil points in the direction as shown below. For the horizontally-oriented GOT, the arrow on the stencil must point upward. For the vertically-oriented GOT, the arrow on the stencil must point leftward.

- Mark the four corners of the stencil on the control panel with a pencil or others. Remove the stencil.

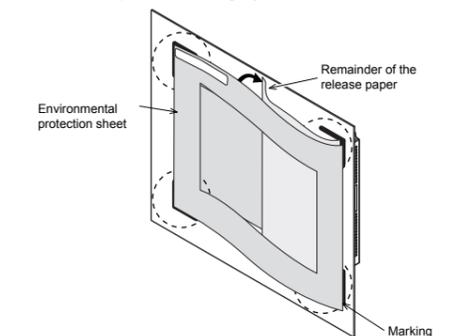


- Remove the protective film from the GOT, and make sure that no dust or other substances adhere to the display section.

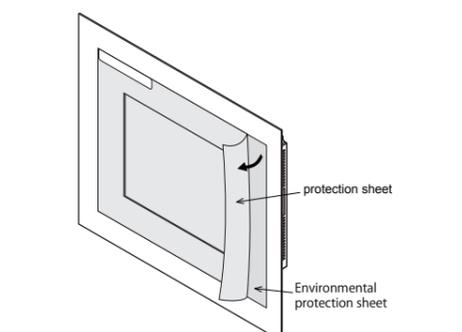
- Peel off a part of the release paper on the back of the environmental protection sheet. Do not touch the adhesive part of the sheet where the release paper is peeled off. Do not remove the protective film from the environmental protection sheet. Align the sheet with the four markings on the control panel, and attach the peeled off part of the sheet to the control panel.



- Peel off the remainder of the release paper, and attach the whole environmental protection sheet to the control panel. Make sure to attach the sheet from the attached part in 4), and fit the sheet onto the control panel without leaving any air between them.

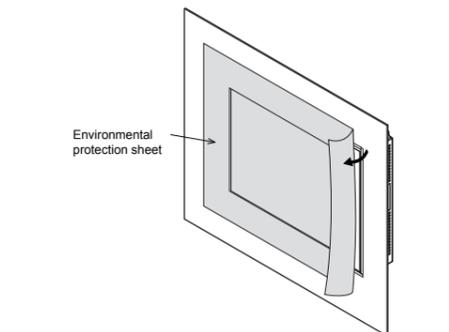


- Erase the markings.
- Apply enough pressure to the adhesive part of the environmental protection sheet. (Roll a roller back and forth two times with a load of 2 kg.) To ensure adequate adhesive strength, you are recommended to use the GOT about 24 hours later after the environmental protection sheet is attached. Check that the environmental protection sheet has no wrinkle, dirt, or others, and then remove the protective film from the sheet.



5. REMOVAL

Remove the environmental protection sheet gradually. If the sheet is difficult to remove, warm the sheet with a dryer or others.



Warranty

Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi; machine damage or lost profits caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors unpredictable by Mitsubishi; damages to products other than Mitsubishi products; and to other duties.

For the details of the warranty, refer to the following.

- GOT2000 Series User's Manual (Hardware)

For safe use

- 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.
- 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 failsafe functions in the system.

| Country/Region | Mitsubishi Electric office/Tel |
|----------------|---|
| USA | Mitsubishi Electric Automation, Inc. 500 Corporate Woods Parkway, Vernon Hills, IL 60061, U.S.A. Tel: +1-847-478-2100 |
| Brazil | Mitsubishi Electric do Brasil Comercio e Servicos Ltda. Rua Jussara, 1750- Bloco B Anexo, Jardim Santa Cecilia, CEP 06465-070, Saruru - SP, Brasil Tel: +55-11-4689-3000 |
| Mexico | Mitsubishi Electric Automation, Inc. Mexico Branch Mariano Escobedo #69, Col. Zona Industrial, Tlalnepantla Edo. Mexico, C.P.54030 Tel: +52-55-3067-7511 |
| Germany | Mitsubishi Electric Europe B.V. German Branch Gothaer Strasse 8, 40880 Ratingen, Germany Tel: +49-2102-486-0 |
| UK | Mitsubishi Electric Europe B.V. UK Branch Travelers Lane, Hatfield, Hertfordshire, AL10 8XB, U.K. Tel: +44-1707-28-8780 |
| Italy | Mitsubishi Electric Europe B.V. Italian Branch Centro Direzionale Colleoni - Palazzo Sirio, Viale Colleoni 7, 20864 Agrate Brianza (Milano), Italy Tel: +39-039-60531 |
| Spain | Mitsubishi Electric Europe B.V. Spanish Branch Carretera de Rubi 76-80- Apdo 420, 08190 Sant Cugat del Valles (Barcelona), Spain Tel: +34-935-95-3131 |
| France | Mitsubishi Electric Europe B.V. French Branch 25, Boulevard des Bouvets, 92741 Nanterre Cedex, France Tel: +33-1-55-68-55-68 |
| Czech | Mitsubishi Electric Europe B.V. Czech Branch Avenir Business Park, Radlicka 751/113e, 158 00 Praha 5, Czech Republic Tel: +420-251-551-470 |
| Turkey | Mitsubishi Electric Turkey A.S. Umraniye Branch Serifali Mahallesi Nispetiye Sokak No:5, TR-34775 Umraniye / Istanbul, Turkey Tel: +90-216-526-3990 |
| Poland | Mitsubishi Electric Europe B.V. Polish Branch ul. Krakowska 50, 32-083 Balice, Poland Tel: +48-12-347-65-00 |
| Russia | Mitsubishi Electric (Russia) LLC St. Petersburg Branch Piskarevsky pr. 2, bld 2, lit "S", BC "Benius", office 720; RU-195027 St. Petersburg, Russia Tel: +7-812-633-3497 |
| South Africa | Adroit Technologies 20 Waterford Office Park, 189 Witkoppen Road, Fourways, Johannesburg, South Africa Tel: +27-11-658-8100 |
| China | Mitsubishi Electric Automation (China) Ltd. No. 1386 Hongqiao Road, Mitsubishi Electric Automation Center, Shanghai, China Tel: +86-21-2922-3030 |
| Taiwan | SETSUYO ENTERPRISE CO., LTD. 6F, No.105, Wugong 3rd Road, Wugu District, New Taipei City 24889, Taiwan Tel: +886-2-2299-2499 |
| Korea | Mitsubishi Electric Automation Korea Co., Ltd. 7F-9F, Gangseo Hangang Xi-tower A, 401, Yangcheon Gangseo-Gu, Seoul 07528, Korea Tel: +82-2-3660-9530 |
| Singapore | Mitsubishi Electric Asia Pte. Ltd. 307 Alexandra Road, Mitsubishi Electric Building, Singapore 159943 Tel: +65-6473-2308 |
| Thailand | Mitsubishi Electric Factory Automation (Thailand) Co., Ltd. 12th Floor, Siv City Building, Office Tower 1, No. 99/19 and 20 Rama 3 Road, Kwaeng Bangpongngang, Khet Yannawa, Bangkok 10120, Thailand Tel: +66-2682-6522 to 31 |
| Indonesia | PT. Mitsubishi Electric Indonesia Gedung Jaya 11th Floor, JL. MH. Thamrin No.12, Jakarta Pusat 10340, Indonesia Tel: +62-21-3192-6461 |
| Vietnam | Mitsubishi Electric Vietnam Co., LTD. Ho Chi Minh Head Office Unit 01-04, 10th Floor, Vincom Center, 72 Le Thanh Ton Street, District 1, Ho Chi Minh City, Vietnam Tel: +84-9-3910-5945 |
| India | Mitsubishi Electric India Pvt. Ltd. Pune Branch Emerald House, EL-3, J Block, M.I.D.C., Bhosari, Pune - 411026, Maharashtra, India Tel: +91-20-2710-2000 |
| Australia | Mitsubishi Electric Australia Pty. Ltd. 348 Victoria Road, P.O. Box 11, Rydalmere, N.S.W. 2116, Australia Tel: +61-2-9684-7777 |

MITSUBISHI ELECTRIC CORPORATION
HEAD OFFICE: TOKYO BUILDING, 2-7-3 MARUNOUCHI, CHYODA-KU, TOKYO 100-8310, JAPAN
NAGOYA WORKS: 1-14, YADA-MINAMI 5-CHOME, HIGASHI-KU, NAGOYA, JAPAN

When exported from Japan, this manual does not require application to the Ministry of Economy, Trade and Industry for service transaction permission.

Specifications subject to change without notice.
Printed in Japan, December 2015.