GT1020-LBD/LWD/LBD2/LWD2/LBL/LWL/LBDW/LWDW/LBDW2/LWDW2/LBLW/LWLW
GT10 General Description

1. Specifications

1.1 General Specifications

Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating ambient temperature</td>
<td>-10°C to 50°C</td>
</tr>
<tr>
<td>Storage ambient temperature</td>
<td>-25°C to 65°C</td>
</tr>
<tr>
<td>Display size</td>
<td>W86.4 (3.4&quot;)</td>
</tr>
<tr>
<td>Display angle</td>
<td>Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees (Horizontal format)</td>
</tr>
<tr>
<td>Display resolution</td>
<td>4 lines (Horizontal format)</td>
</tr>
<tr>
<td>Display character</td>
<td>16×20 dots (RDB), 16×25 dots (CSB, RSB, SDB)</td>
</tr>
<tr>
<td>Resolution</td>
<td>400 (RDB), 640 (CSB, RSB, SDB)</td>
</tr>
<tr>
<td>Refresh rate</td>
<td>100 ms (RDB), 60 ms (CSB, RSB, SDB)</td>
</tr>
<tr>
<td>Voltage resistance</td>
<td>Continues to 2500 Vdc, 1 min. test period. 2000 Vdc, 10 sec. test period.</td>
</tr>
<tr>
<td>Current resistance</td>
<td>Continues to 2000 μA, 1 min. test period. 2000 μA, 10 sec. test period.</td>
</tr>
<tr>
<td>Shock resistance</td>
<td>Conforms to JIS B3502, IEC 61131-2 (147m/s^2, 11 ms, Sine half-wave pulse, 3 times each in the X, Y, and Z directions.)</td>
</tr>
<tr>
<td>Vibration</td>
<td>Conforms to JIS B3502, IEC 61131-2 (3.9 m/s^2, 20 cycles at the swelling point)</td>
</tr>
<tr>
<td>Weight (Excluding mounting fixtures)</td>
<td>0.2kg</td>
</tr>
<tr>
<td>Never allows for electrical shock or malfunction.</td>
<td></td>
</tr>
</tbody>
</table>

1.2 Performance Specifications

Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating standard dimensions</td>
<td>Width: 105 mm, Height: 105 mm, Depth: 20 mm</td>
</tr>
<tr>
<td>Display panel cutting dimensions</td>
<td>W105 (4.13&quot;)</td>
</tr>
<tr>
<td>Weight (Excluding mounting fixtures)</td>
<td>0.18kg</td>
</tr>
<tr>
<td>Power consumption, (At backlight off)</td>
<td>1.9W (80mA/24VDC) or less, 1.2W (50mA/24VDC) or less, 1.1W (220mA/5VDC) or less, 0.6W (120mA/5VDC) or less</td>
</tr>
<tr>
<td>Noise immunity</td>
<td>Noise voltage: 1000Vp-p, Noise width: 1</td>
</tr>
</tbody>
</table>

EN ISO 10000-3

For details of GOT multidrop connection, refer to the following.

For bundle items, refer to the PLC user's manual respectively.
1. Specifications
1.1 General Specifications


**GT10 General Description**

- **GTDesigner3 Version1.01B or later**
- **GT Designer2 Version2**

**Screen Design Manual**

- **Transfer Manual (For GT Designer2 Version2)**

**1/2, 2/2**

**Warranty**

- **For more details please contact the local Mitsubishi Electric sales site.**

**Notes for compliance to EMC regulation**

- Inrush current 13A or less (26.4VDC) 1ms –
- Before using the product for special purposes such as nuclear power, electric machinery within the premises. Whenever necessary. Always forward it to the end user.

**REMARK**

- **Before using this product, please read the manual and the relevant inserts intently. The contents may be different from the actual contents, and do not bother to handle.**

- **The contents of this manual are limited to specified products.**

**TRANSPORTATION**

- **GT Designer3 Version1 Screen Design Manual**
- **GT Designer2 Version2**
- **GT Designer2 Version2**

**Maintenance Supplies**

- **Authorized distributors**
- **For details of a PLC to be connected, refer to the PLC user’s manual respectively.**

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**Screen Design Manual**

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**GT1020-LCD(W)/LCD(W)/LCD(L)/LCD(W) GT10 General Description**

**Contents**
- GT Designer3 Version1.01B or later

**User-made cable is necessary, depending on the PLC.**

- **Standard**
  - Associated Manuals
  - Manual name: Design Manual
  - Contents: Describes system configurations with cable creation method
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