ABB i-bus® EIB
Display and control tableau
MT 701
Intelligent Installation Systems
Display and control tableau MT 701

Description

The display and control tableau MT 701 is an ABB i-bus® EIB device consisting of a LCD Display and control buttons for:

- displaying switching status, fault reports and measurement values,
- central switching of electrical consumers,
- programming of time programs and
- generating acoustic and visual alarm signals.

The display and control tableau can be ordered with a housing for flush mounting and is designed for wall mounting or cavity wall mounting in offices or private houses. Connection to ABB i-bus® EIB is made via the bus connection terminal. The display and control tableau is programmed with the EibTab-Software, using the same group addresses as allocated in the ABB i-bus® EIB installation. The program can be loaded directly into the device using the 9 pin SUB D RS232 connector.

The display and control tableau MT 701 is an ABB i-bus® EIB device consisting of a LCD Display and control buttons for:

- displaying switching status, fault reports and measurement values,
- central switching of electrical consumers,
- programming of time programs and
- generating acoustic and visual alarm signals.

The display and control tableau can be ordered with a housing for flush mounting and is designed for wall mounting or cavity wall mounting in offices or private houses. Connection to ABB i-bus® EIB is made via the bus connection terminal. The display and control tableau is programmed with the EibTab-Software, using the same group addresses as allocated in the ABB i-bus® EIB installation. The program can be loaded directly into the device using the 9 pin SUB D RS232 connector.

The LCD display has a resolution of 240 x 128 pixels and up to 8 lines can be displayed on each display screen. To change between the max. 50 display screens, links can be individually defined from one screen to another. For up to 8 switching actions, time programs can be individually defined. Each time program can include up to 8 different switching times which can be easily adjusted by the user.

The display and control tableau can also display various measurement values and generate pop up alarm messages. The user can be made aware of an alarm via an acoustic alarm signal. The last 100 events are stored in a list of alarms, reports and resets.

Technical Data

Connection

- Power Supply: 230 V AC, 50 Hz
- 4 screw terminals (2 for phase and 2 for neutral)
- ABB i-bus® EIB bus connection terminal
- PC connection: 9-pin SUB D RS232 connector

Operating and display elements

- LED red and button for entering the physical address
- Push button illumination for entering the physical address illumination of LCD display On/Off
- 2 menu push buttons for moving Up/Down in the menu
- 4 function push buttons for moving between menus or switching electrical consumers
- Protection: IP 20 to EN 60 529
- Operating temperature range: –5 °C up to +45 °C
- Dimensions:
  - Flush mounting box: 212 x 124 x 75 mm (w x h x d)
  - LCD display: 124 x 68 mm (w x h)
  - Frame: 215 x 129 mm (w x h)
  - Weight: 0.86 kg

Selection table

<table>
<thead>
<tr>
<th>Description</th>
<th>Ordering Info</th>
<th>Product code</th>
<th>bbn 40 16779 EAN</th>
<th>Price group</th>
<th>Price 1 Piece €</th>
<th>Weight 1 Piece kg</th>
<th>Package Pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display and control tableau, LCD, white</td>
<td>MT 701, WS</td>
<td>GH Q605 0059 R0003</td>
<td>50414 0</td>
<td>26</td>
<td>0.86</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Display and control tableau, LCD, silver</td>
<td>MT 701, SR</td>
<td>GH Q605 0059 R0004</td>
<td>50415 7</td>
<td>26</td>
<td>0.86</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Frame for display and control tableau, white</td>
<td>T-RAHM, WS</td>
<td>GH Q605 0059 R0011</td>
<td>49585 1</td>
<td>26</td>
<td>0.05</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Frame for display and control tableau, silver</td>
<td>T-RAHM, SR</td>
<td>GH Q605 0059 R0012</td>
<td>49586 8</td>
<td>26</td>
<td>0.05</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flush mounting box for display and control tableau</td>
<td>UP-KAST 2</td>
<td>GH Q605 0059 R0014</td>
<td>51396 8</td>
<td>26</td>
<td>0.15</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>