YH8000
HMI Interface Unit for TDLS8000 Series

Drawings

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

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Earth terminal
Cable entry 2 (for Modbus) 1/2NPT or M20x1.5
Cable entry 1 (for TDLS8000 Series) 1/2NPT or M20x1.5

Weight: Approx. 4 kg
Mounting kit for TDLS8000 series

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

Available for left mounting

Front mounting

Right mounting

Unit: mm

TDLS8000

P-
Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

**TDLS8100**

**Front mounting**

**Right mounting**

Available for left mounting

**Pipe mount**

Unit: mm

2B pipe

Vertical or horizontal mounting

Bracket for pipe mount

28 pipe

Vertical or horizontal mounting
**/S  **Sun Shield (Pipe mount)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>318</td>
<td>mm</td>
</tr>
<tr>
<td>212.5</td>
<td>mm</td>
</tr>
<tr>
<td>226</td>
<td>mm</td>
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</tbody>
</table>

**/W  **Wall mount

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>105.4</td>
<td>mm</td>
</tr>
<tr>
<td>246 ±0.5</td>
<td>mm</td>
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</tbody>
</table>

*: The wall construction for mounting has to be designed for 4 times the weight of the YH8000. Bracket for wall mount can be placed in lengthwise.

**/S  **Sun Shield (Wall mount)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>196</td>
<td>mm</td>
</tr>
<tr>
<td>246 ±0.5</td>
<td>mm</td>
</tr>
</tbody>
</table>

*: The wall construction for mounting has to be designed for 4 times the weight of the YH8000. When the sun shield is mounted, the bracket for wall have to be placed in widthwise.
Wiring Diagram

- **Local HMI configuration**

  ![Wiring Diagram]

  - Connection cable between TDLS8000 Series and YH8000 must be use special cable which can be specified option code “C.”
  - Maximum cable length between TDLS8000 Series and YH8000 is 3m.
  - Maximum cable length between YH8000 and DCS is 100m.

- **Remote HMI configuration**

  ![Wiring Diagram]

  - Maximum cable length between YH8000 and Switching HUB is 100m.