Technical features

Display modules

**Main applications:**
- Petrol price signs.
- Scoreboards, sport timing.
- Queuing systems, stock exchange board.
- Industrial displays.
- Advertising, information board.
- Toll indications boards for highways and tunnel bridges.
- Time, temperature, date and sound displays.

**Technical features:**
- Bi-stable 7 segments electromagnetic display modules with individually controlled segments.
- Character height: 25 cm.
- White or yellow segments and black background.
- Casing and segments in polycarbonate material.
- Reflective display technology ideal for outdoor applications.
- Easy mounting with built-in twist locks.
- No power consumption at rest and very low at state change.
- Maintenance free operation.
- Life expectancy over 70 million operations.
- Power supply 12V +/- 20%.
- 3 types: with multiplexing card, without multiplexing card.

**Environment:**
- Temperature: -40°C to +80°C (when using permanently above 40°C (104°F), the voltage at segment coils must be 12V minimum).
- Humidity up to 93% without condensation.

**Norms:**
- Low power supply: norm NF EN60950.
- Electromagnetic compatibility: norm NF EN50081-1. norm NF EN50082-1.

**Display modules references**

<table>
<thead>
<tr>
<th></th>
<th>Yellow</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>With multiplexing card</td>
<td>917230</td>
<td>917236</td>
</tr>
<tr>
<td>Without multiplexing card</td>
<td>917231</td>
<td>917237</td>
</tr>
<tr>
<td>With multiplexing card and reflective segments</td>
<td>917233</td>
<td>917239</td>
</tr>
</tbody>
</table>
Technical features

**Display modules H725 E**

**Impulses diagram**

- 12 V
- 14.4 V max.
- 9 V min.
- 900 ms

**Coil electrical diagram**

- 1: Reset
- 2: Common
- 3: Set

**Wiring principle – Multiplexing operation**

- Segment data
- Module and control position addresses

**Dimensions H725 E in mm**

- 230
- 161
- 209
- 288
- 253
- 306
- 296
- 305
- 65
- 147
- 39

**Card connector**

- Locking by bolt

---

**Technical features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>H725 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum readability</td>
<td>100 m</td>
</tr>
<tr>
<td>Character size</td>
<td>253 mm</td>
</tr>
<tr>
<td>Module weight</td>
<td>890 g to 925 g according to model</td>
</tr>
<tr>
<td>Voltage requirement at 20°C (68°F)</td>
<td>12V ± 20%</td>
</tr>
<tr>
<td>Minimum pulse duration</td>
<td>t = 150 ms</td>
</tr>
<tr>
<td>Pulse current per segment at 12 V, at 20°C (68°F)</td>
<td>353 mA</td>
</tr>
<tr>
<td>Coil resistance at 20°C</td>
<td>34 Ω</td>
</tr>
</tbody>
</table>