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: 15 cm.
- White or yellow segments and black background.
- Casing in aluminium and segments in polycarbonate material.
- Reflective display technology ideal for outdoor applications.
- No power consumption at rest and very low at state change.
- Easy mounting with built-in twist locks.
- Maintenance free operation.
- Life expectancy over 70 million operations.
- Power supply 12V +/- 20%.
- 2 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>Yellow segments</th>
<th>White segments</th>
</tr>
</thead>
<tbody>
<tr>
<td>With multiplexing card</td>
<td>917034</td>
</tr>
<tr>
<td>Without multiplexing card</td>
<td>917091</td>
</tr>
</tbody>
</table>
Technical features

### H715

<table>
<thead>
<tr>
<th>Technical feature</th>
<th>H715</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum readability</td>
<td>60 m</td>
</tr>
<tr>
<td>Character size</td>
<td>158 mm</td>
</tr>
<tr>
<td>Module weight</td>
<td>605 g</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 = 90 ms</td>
</tr>
<tr>
<td>Pulse current per segment at 12 V, at 20°C (68°F)</td>
<td>141 mA</td>
</tr>
<tr>
<td>Coil resistance at 20°C</td>
<td>85 Ω</td>
</tr>
</tbody>
</table>

Display modules

**Impulses diagram**

**Coil electrical diagram**

**Wiring principle – Multiplexing operation**

**Dimensions H715 in mm with multiplexing card**

**Card connector**

**Mounting principle**

**Locking by bolt**