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: 45 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.
- Maintenance free operation.
- Life expectancy over 70 million operations.
- Power supply 12V +/- 20%.

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 segments</th>
<th>White segments</th>
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<tbody>
<tr>
<td>With multiplexing card</td>
<td>917037</td>
<td>917044</td>
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</table>
**Technical features**

**H745**

- **Maximum readability**: 200 m
- **Character size**: 456 mm
- **Module weight**: 3.4 kg
- **Voltage requirement at 20°C (68°F)**: 12V ± 20%
- **Minimum pulse duration**: \( t = 150 \text{ ms} \)
- **Pulse current per segment at 12 V, at 20°C (68°F)**: 353 mA
- **Coil resistance at 20°C**: 34 \( \Omega \)