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: 10 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

| With multiplexing card | 917033 | 917009 |
| Without multiplexing card | 917090 | - |
Technical features

**H710**

### Maximum readability
40 m

### Character size
105 mm

### Module weight
450 g

### Voltage requirement at 20°C (68°F)
12V ± 20%

### Minimum pulse duration
$t = 90$ ms

### Pulse current per segment at 12 V, at 20°C (68°F)
141 mA

### Coil resistance at 20°C
85 Ω