

Technical features

Display modules

H730

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 :

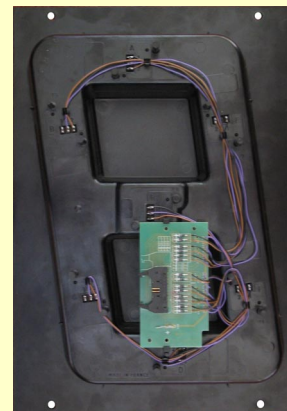
- ▶ Bi-stable 7 segments electromagnetic display modules with individually controlled segments.
- ▶ Character height : 30 cm.
- ▶ White or yellow segments and black background.
- ▶ Casing in aluminium and segments in polycarbonate material.
- ▶ Reflective display technology ideal for outdoor applications.
- ▶ No power consumption at rest and very low at state change.
- ▶ Maintenance free operation.
- ▶ Life expectancy over 70 million operations.
- ▶ Power supply 12V +/- 20%.
- ▶ 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

	Yellow segments	White segments
▶ With multiplexing card	917081	917086
▶ Without multiplexing card	917083	917098



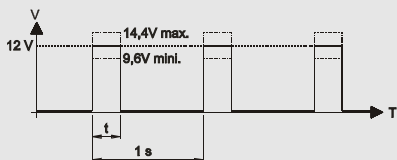
Ref. 643651A

Technical features

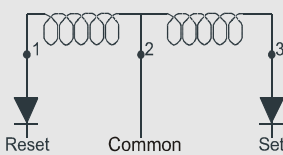
Display modules

H730

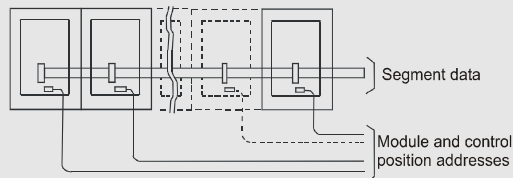
Impulses diagram



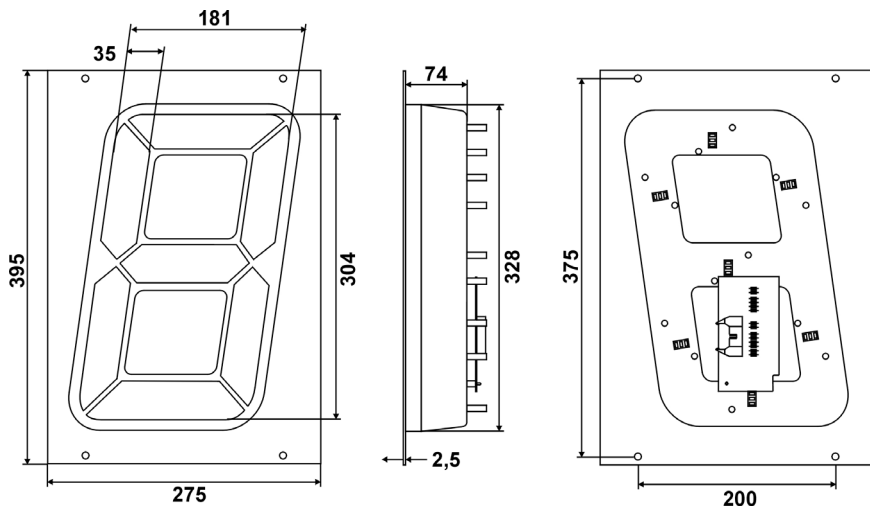
Coil electrical diagram



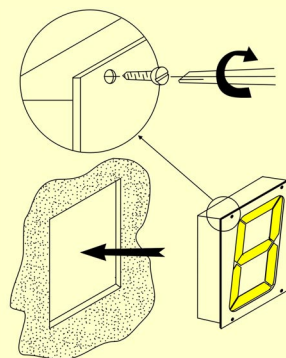
Wiring principle – Multiplexing operation



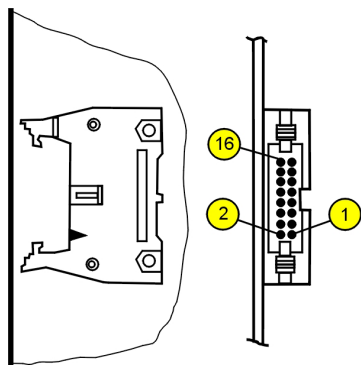
Dimensions H730 in mm



Mounting principle



Card connector



PIN N°	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FUNCTION																
SEGMENT	X	D	E	C	E	C	F	B	F	B	G	A	G	A	G	A

RESET
 SET

Technical features	H730
Maximum readability	125
Character size	304
Module weight	1000
Voltage requirement at 20°C (68°F)	12V ± 20%
Minimum pulse duration	t = 150 ms
Pulse current per segment at 12 V, at 20°C (68°F)	353 mA
Coil resistance at 20°C	34 Ω

