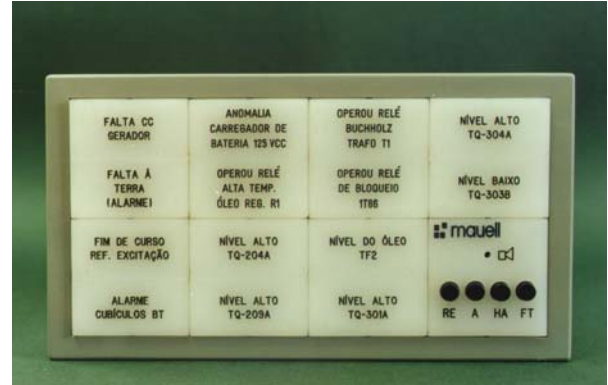


Electronic Alarm System ME 3010

Annunciator ME 3010 SMD



- Alarm signaling, operational status indication and integrated alarm multiplier relay contacts;
- Visual and acoustic signaling of the alarm signals of the process and operational states for SMD back light LEDs under translucent acrylic front plates or apparent LEDs in makrolon modules, with description text engraved on this modules or laser printed on acetate stickers;
- The central module contains the sound acknowledge, visual acknowledge, reset and the lamp/function test push buttons;
- Alarm modules with two alarm points, with front insertion also during operation, in the dimensions of 48x 48 mm; alarm supervision of NO or NC field contacts, selected by jumpers;
- Several signaling ISA sequences field programmable by jumpers; ISA -1, 1A, 2A, 2C, 4A.
- Configurations from 2 to 238 alarm points in one annunciator; HxV configuration can be freely defined by the customer;
- Matrix arrangement of 20V x 12H for back light LEDs and 24V x 10H for apparent LEDs, protection degree IP40, with metal protected mother board and, optional acrylic rear cover;
- Alarm signals in voltages of 24, 48, 60, 110, 125, 220 or 250V DC;
- Supply voltage in 24, 48 or 60V DC, with + / - 20% of tolerance;
- Frontal makrolon modules in gray RAL 7032 color (standard), or in the customized colors, for text engraving in low relief or with laser printed acetate stickers, holding up to 3 lines of 19 characters each, in the maximum height of 3,2 mm per character;
- The inputs are protected against surges by varistors and optic couplers, with delay from 5 to 20 ms (other times under request);

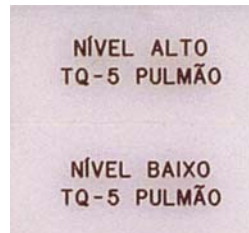
Electronic Alarm System ME 3010

- Connection of field cables with minimum cross section of 0.5 mm² and maximum of 1.5 mm², via terminals on the back plane;
- System suitable for frontal installation in panels or within mosaic panels;
- Function indication with 2 different flashing frequencies and potential free contacts for external horns and alarm reflash function;
- Integrated power supplies with direct connection of 110, 115, 127 or 220V AC/DC input and 24 or 48VDC output, from 3 to 8 A;
- External DC-DC with 110, 125, 220, 250V DC input and 24 or 48V DC output, from 3 to 10 A;
- Special versions under request.

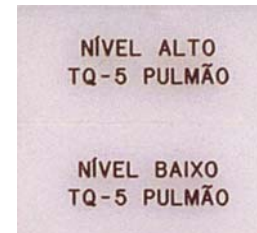
Typical details of the front modules



Makrolon module for apparent LEDs sticker



Back light acrylic module with low relief engraving



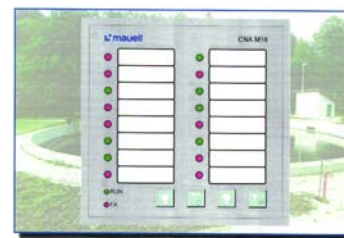
Back light acrylic module with laser printed acetate sticker

Other Products of the of Annunciator Line

- ME 30 - INFOBOX: microprocessor based annunciator for application with decentralized alarm signals and operation in a CAN OPEN local network, with 16 alarm inputs per unit. Enhanced features, like alarm recording with 1 ms resolution, programmable logical functions and many others.
- Signaling relay RCS11 and RCS12, configured in a frame. Lowest standby power and very high reliability.



RCS 11 / 12



INFOBOX