

***InteliLite NT<sup>®</sup>***

***AC-03***

***Operator Guide***



**English (p.2)**

**Español (p.8)**

**Italiano (p.14)**

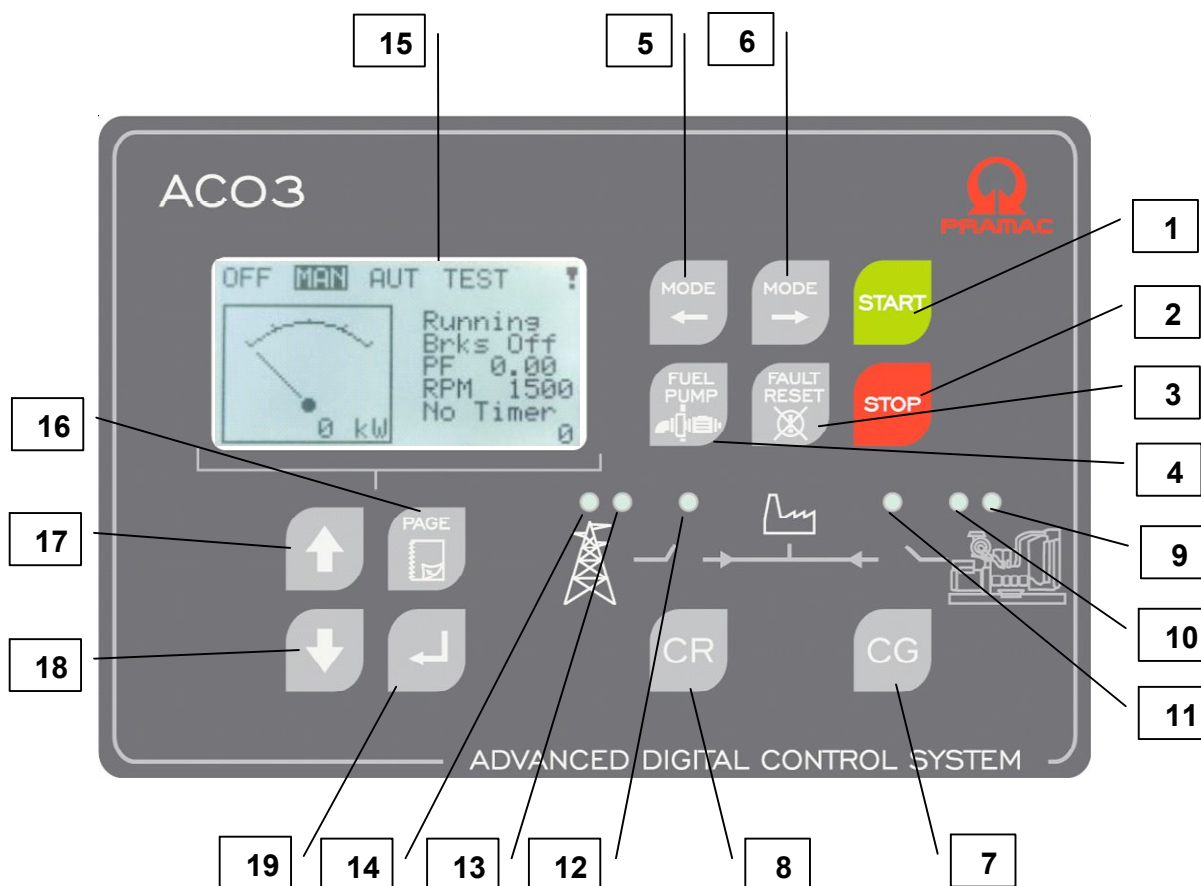
**Français (p.20)**

**Portuguese (p.26)**





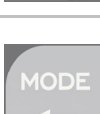
**Deutsch (p.32)**






# Operator Interface AMF



## GEN-SET CONTROL BUTTONS





POSITION	BUTTON	DESCRIPTION
1		<b>START</b> button. Works in MAN mode only. Press this button to initiate the start sequence of the engine.
2		<b>STOP</b> button. Works in MAN mode only. Press this button to initiate the stop sequence of the gen-set. Repeated pressing or holding the button for more than 2s will cancel current phase of stop sequence (like cooling) and next phase will continue.
3		<b>FAULT RESET</b> button. Use this button to acknowledge alarms and deactivate the horn output. Inactive alarms will disappear immediately and status of active alarms will be changed to "confirmed" so they will disappear as soon as their reasons dismiss.
4		<b>FUEL PUMP</b> button. While this button is pressed FUEL PUMP is activated until Fuel Pump OFF level is reached.
5		<b>MODE LEFT</b> button. Use this button to change the mode. The button works only if the main screen with the indicator of currently selected mode is displayed. <b>NOTE:</b> This button will not work if the controller mode is forced by one of binary inputs Remote OFF, Remote MAN, Remote AUT, Remote TEST.

6		<p><b>MODE RIGHT</b> button. Use this button to change the mode. The button works only if the main screen with the indicator of currently selected mode is displayed.</p> <p><b>NOTE:</b> This button will not work if the controller mode is forced by one of binary inputs Remote OFF, Remote MAN, Remote AUT, Remote TEST.</p>
7		<p><b>GCB</b> button. Works in MAN and TEST modes only. Press this button to open or close the GCB manually. Note that certain conditions must be valid otherwise GCB closing is blocked.</p>
8		<p><b>MCB</b> button. Works in MAN and TEST modes only. Press this button to open or close the MCB manually.</p> <p><b>CAUTION!</b> You can disconnect the load from the mains supply with this button! Be sure you know well what you are about to do!</p>

### GEN-SET OPERATION INDICATORS

POSITION	INDICATOR DESCRIPTION
9	<b>Gen-set failure.</b> Red LED starts flashing when gen-set failure occurs. After FAULT RESET button is pressed, goes to steady light (if an alarm is still active) or is off (if no alarm is active).
10	<b>Gen-set voltage OK.</b> Green LED is on if the generator voltage is present and within limits.
11	<b>GCB ON.</b> Green LED is on, if GCB is closed. It is driven by GCB CLOSE/OPEN output (AMF 8/9) or by GCB feedback signal (AMF 20/25).
12	<b>MCB ON.</b> Green LED is on, if MCB is closed. It is driven by MCB CLOSE/OPEN output (AMF 8/9) or by MCB feedback signal (AMF 20/25).
13	<b>Mains voltage OK.</b> Green LED is on, if mains is present and within limits.
14	<b>Mains failure.</b> Red LED starts blinking when the mains failure is detected and after the gen-set has started it lights permanently until the mains failure disappears.

### DISPLAY AND CONTROL BUTTONS

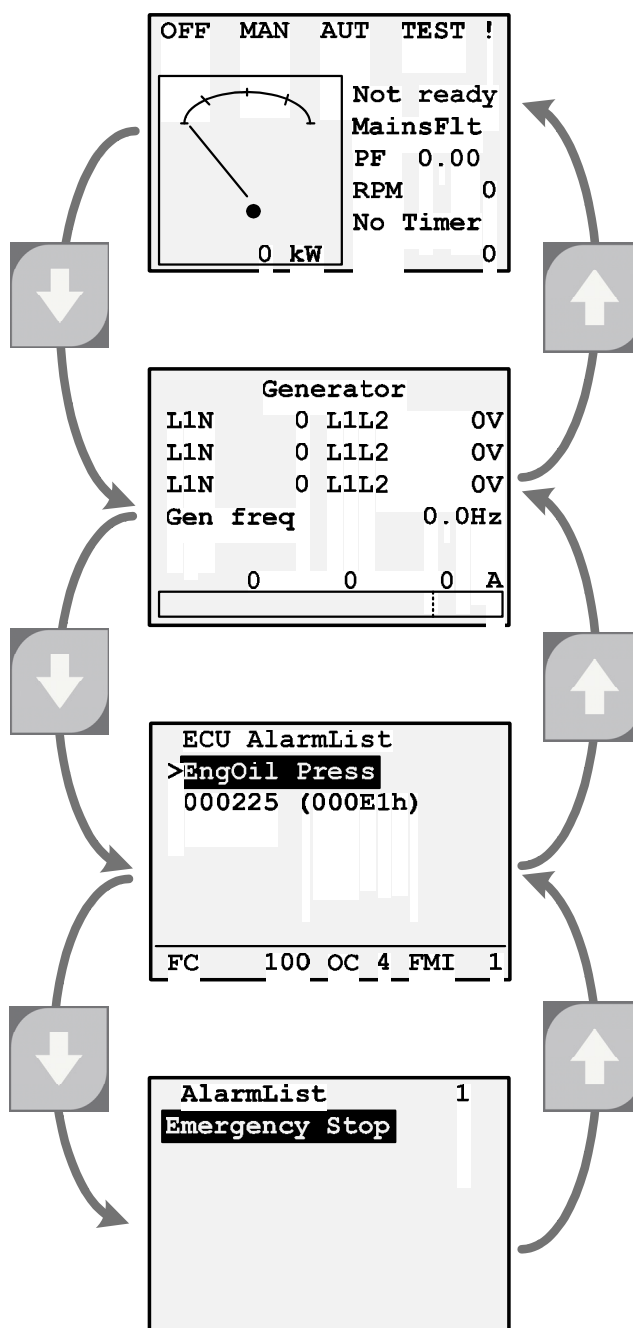
POSITION	BUTTON	DESCRIPTION
15		Graphic B/W display, 128x64 pixels
16		<b>PAGE</b> button. Use this button to switch over display pages. See Display Screens and Pages Structure chapter below this table for more details.
17		<b>UP</b> button. Use this button to move up or increase a value.
18		<b>DOWN</b> button. Use this button to move down or decrease a value.
19		<b>ENTER</b> button. Use this button to finish editing a setpoint or moving right in the history page.

## Display Screens and Pages Structure

The displayed information is structured into "pages" and "screens".

The page *Measurement* consists of screens which display measured values like voltages, current, oil pressure etc., computed values like i.e. gen-set power, statistic data and the alarm list on the last screen.

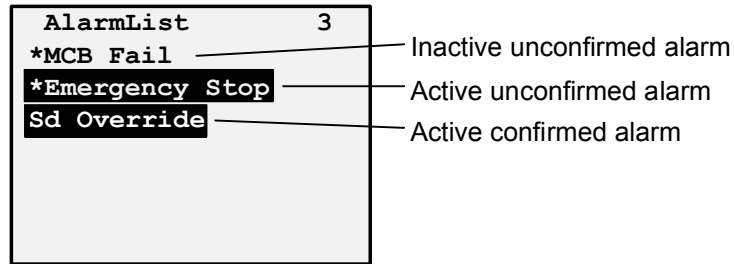
### Measurement



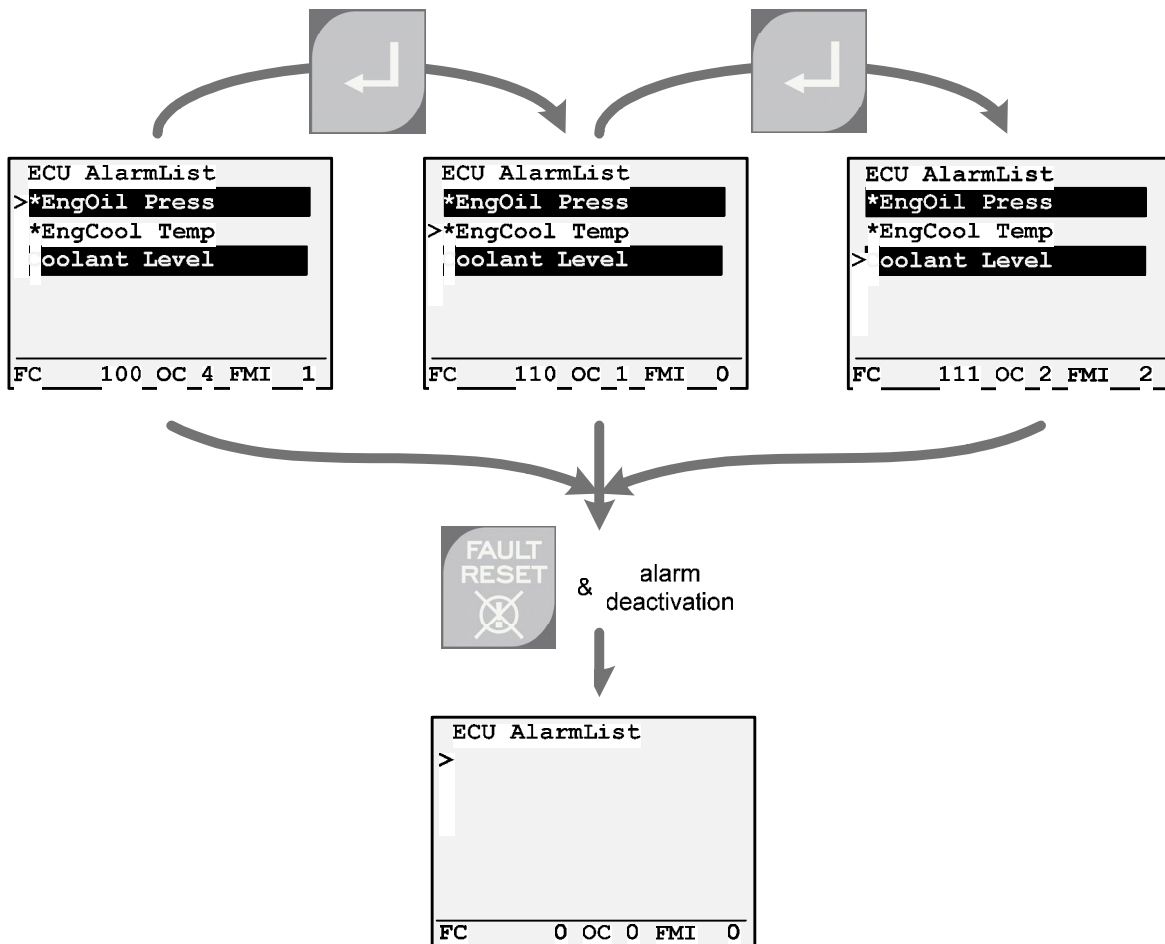
**NOTE:**

**History** and **Setpoints** pages are available only when you choose **Engineer** interface (not User). See **Controller Information Screen** subchapter below and **AC-03 Reference Guide**.

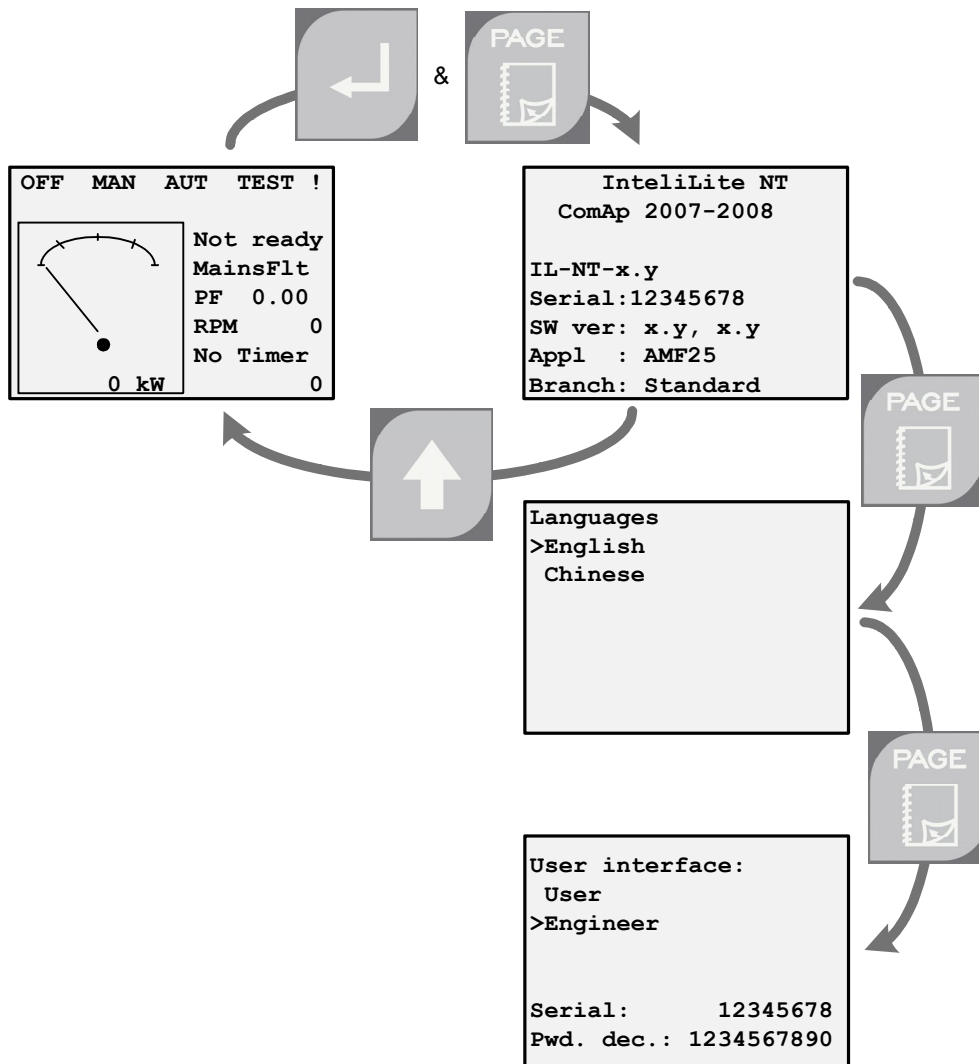
## Alarms



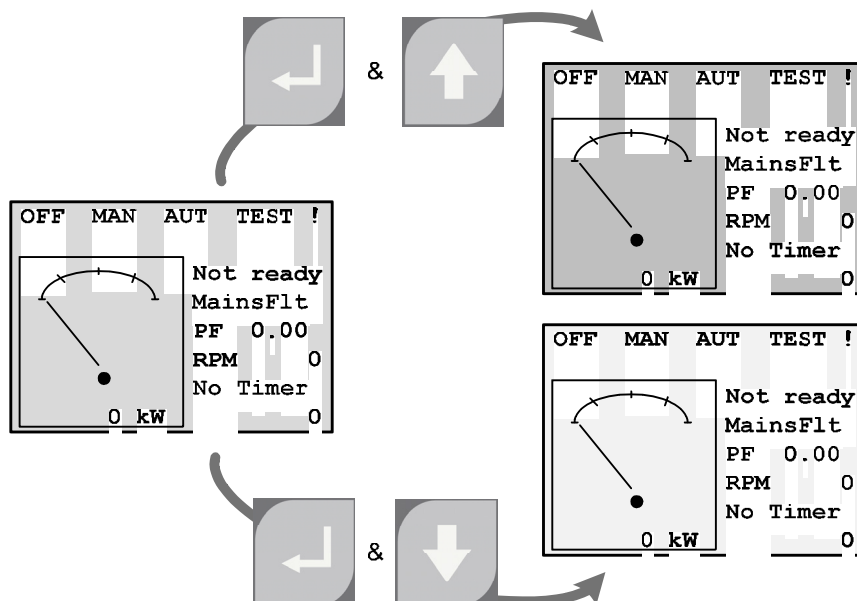
## Browsing ECU Alarms



## Controller Information Screen

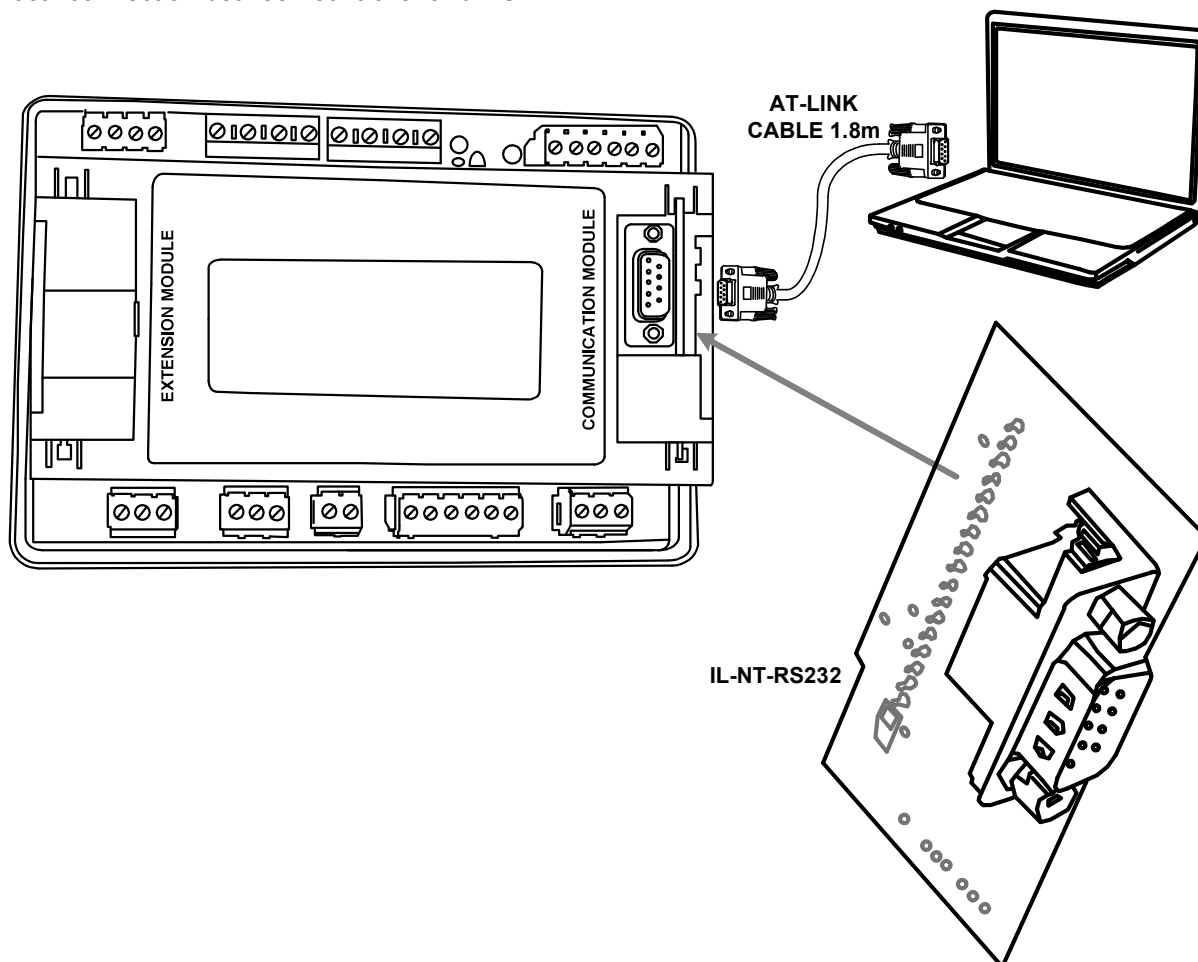


## Display Contrast Adjustment



## Connection to PC

IL-NT-RS232 is an optional plug-in card to enable RS232 communication with IntelliLite<sup>NT</sup> controller which is used for PC or Modbus connection. It is recommended to use standard Null-modem cable for local connection between controller and PC.



**NOTE:**

There are more connection possibilities (e.g. via modem). For more details see **AC-03 Reference Guide**.

## Earth Fault Current Protection

This differential protection checks any leakage of current towards earth. It is a generator protection and therefore cannot be used to protect people.

**NOTE:**

For more details about module setup see **AC-03 Reference Guide**.