

# HMI/PLC

# Annunciation System



**PLC/HMI** – This is the most advanced and versatile system. Compatible with Fincor DC and VFD drive systems. It offers an advanced PLC system with non-volatile memory. Also, one of the most advanced touch screens in the industry today offers information at your fingertips. This method definitely puts you in control of the complete system and its capabilities. The HMI/PLC is totally independent from drive functions and operation. The following are just some of the basic screens available with just a touch of the screen.

*Easy to navigate menus with feather-touch monitoring.  
Activate testing of circuits without delays for hard wire removals.  
Easy to read information.  
Readout key parameters in real time processing of data.  
Fault history is just a keystroke away.*

### HMI TOUCH SCREEN SYSTEM

RUN TESTS	<u>SPEED RPM</u> 100.0%	<u>COMMAND RPM</u> 100.0%	NO FAULT
SETUP	<u>ARM AMPS %</u> 100.0%	<u>TORQUE %</u> 100.0%	RUNNING
FAULT HIST	<u>ARM VOLTS %</u> 100.0%	<u>FLD. AMPS</u> 6.40	10-OCT-03
TQ. PRESET			13:07:07

### SETUP MENU

OVER SPEED SETPOINTS	RESET FAULT
OVER VOLTAGE SETPOINTS	PASSWORDS
OVER CURRENT	OVERLOAD SETUP
RAMP MON. SETUP	FIELD LOSS SETUP
MAIN MENU	

*Access key setup criteria without delays for manual lookup .  
Easy to read information.  
Key elements of testing are password protected.  
Alter contrast depending on ambient light conditions.*

**Designed for the demands of today's applications at the economics of the customers needs.**

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**TEST MENU**

OVERSPEED: RUN SLOW	MOTOR OVERVOLTAGE
OVERSPEED: RUN FAST	MOTOR- OVERCURRENT
OVERLOAD TEST	FEEDBACK LOSS
FIELD LOSS TEST	RAMP MONITOR

MAIN MENU

*Activate testing of circuits without delays for hard wire removals.  
Back out of menus with easy one-touch macros.*

*Two level password protection for both operator and supervisor.*

**PASSWORDS**

PRESS PASSWORD TO ACTIVATE KEYPAD FOR ENTERING NEW PASSWORDS

TEST OPERATOR 0000	SUPERVISOR 0000
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SETUP MENU

ENTRY	MESSAGE
01	ALARM REGISTER 12345123456789101234
02	ALARM DISCRETE 1000
03	ALARM DISCRETE 1001
04	ALARM DISCRETE 1001
05	ALARM DISCRETE 1000
06	ALARM DISCRETE 1001
07	ALARM DISCRETE 1002

*Recording and display of multiple faults.  
Fault history is just a keystroke away.  
History is date & time stamped in order of occurrences.*

EXIT	PAGE UP	PAGE DOWN	LINE UP	LINE DOWN	DETAILS	CLEAR ALL	ALARM COUNT
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