



A SOLUTION FROM THE  SERIES OF PRODUCTS

FARMGUARD
ALERT | PREVENTION | SECURITY

ELECTRICAL FAILURE MONITORING SYSTEM

FIRE PREVENTION
LEAKAGE CURRENT
TEMPERATURE



24/7 MONITORING

Easy installation
by a certified electrician

Independent system

Up to 64 reading points

Real time data

Customized report

No subscription required



Be notified!

Alerts of any electrical abnormalities detected by FarmGuard are sent via the FarmQuest service by text message and/or email.

The most critical alerts can also be transmitted via the telephone answering machine or via the customer's alarm system.

Adaptable to all buildings and all productions.

certified 



ELECTRICAL FAILURE DETECTION AGRICULTURAL | COMMERCIAL | INDUSTRIAL

The GE-EPS-1 module monitors the total leakage current of malfunctioning equipment and the temperature of electrical components. Leakage current is due to faulty equipment, while overheating of an electrical panel is due to a poor contact. In addition, the GE-EPS-1 also supports heat detectors (optional).

Distributed by Exacon Inc

www.exaconinc.ca

FARM GUARD

ALERT | PREVENTION | SECURITY



WWW.MONITROL.COM

MONITROL

— ELECTRONIC SYSTEMS MANUFACTURER



ELECTRICAL FAILURE MONITORING SYSTEM

Fire prevention
Leakage current
Temperature

Characteristics

GE-FARMGUARD (standalone unit)



Manage up to 32 panels
(64 inputs 32 CT and 32 Temps)

8 MGCB ports compatible with EPS-1 and soon EPS-4

Alarm Relays (3)

► Can be used with a standard alarm system input

Relay 1 Power loss or communication

Relay 2 Temperature

Relay 3 Current

Connected to FarmQuest by wired internet
(same as a webpage)

iTouch Control (compatible)



Manage up to 8 panels
(16 inputs 8 CT and 8 Temps)

Use up to 2 MGCB ports compatible with EPS-1 and soon EPS-4

Alarm Relays

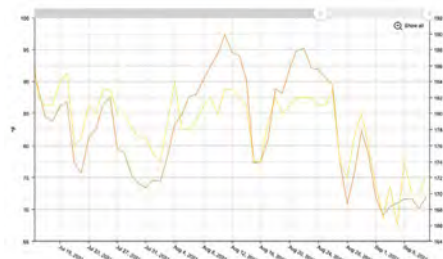
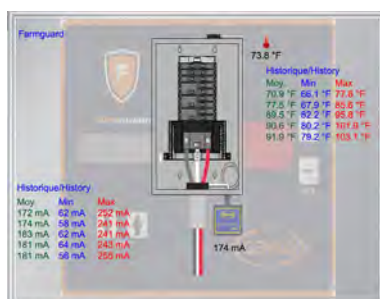
► Use the default option in the iTouch

FarmQuest information

BY/PAR MONITROL

(Compatible for iTouch and GE-Farmguard)

- Give warnings by SMS or email
- Historical data by hours or days for temps and current
- Graphics
- Dashboard with all necessary information
- Access to parameters to make adjustments



HOW IT WORKS

1

24/7 Monitoring

Continuously monitoring ground fault and temperature, all current paths return by the same paths. If returning by the ground, you get notified.

2

Real time data

Current read in mA, alarm settings for mA are set at the installation regarding the building.

3

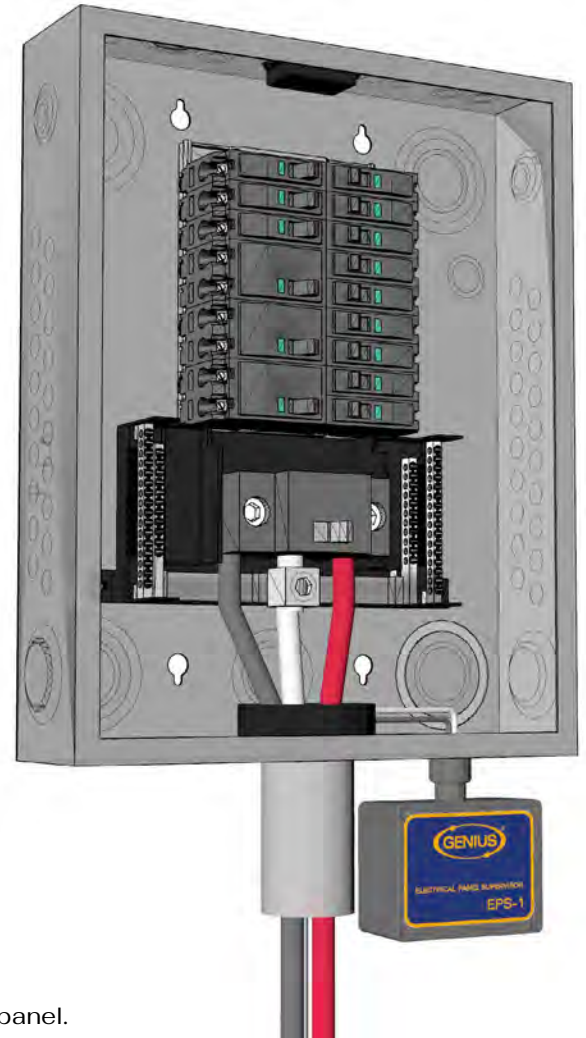
Customized report

Panel Temperature readout degrees in C or F, alarm settings are predefined but adjustable, triggers alarm when too high.

4

Temperature

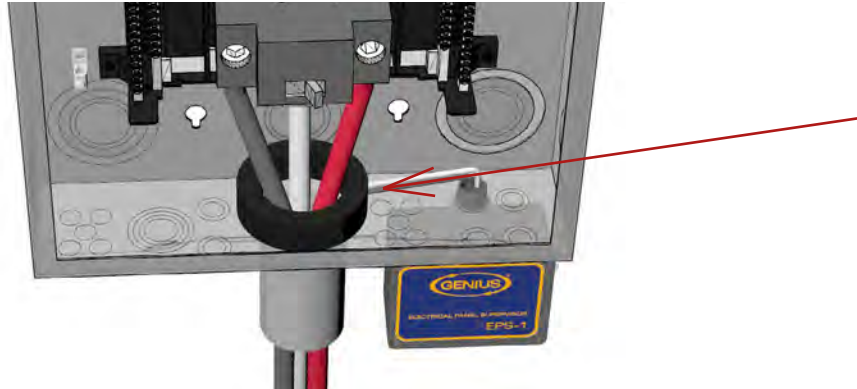
Room temperature, used to set differential alarm with panel.



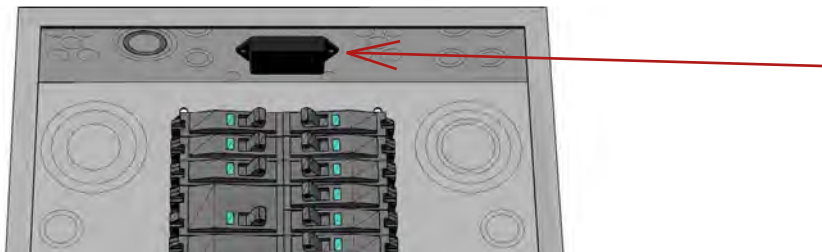
HOW TO INSTALL



Install current transmitters inside breaker panel, line and neutral wire pass inside CT, ground outside CT.



Install panel temperature inside breaker panel on TOP, held by magnets.



Install room temperature in the electrical room, standard probe 10k.



CT and temp probe goes to EPS and are attached to proper terminal.



EPS MGCB port goes to iTouch or GE-Farmguard.







PARTS



1x Panel Temps
1x Coil
1x Room Temp
1x Thermal Sensor (optional)



4x Panel Temps
4x Coil
1x Room Temp
1x Thermal Sensor

PRODUCT		DESCRIPTION	DETAILS
GE-FARMGUARD		FarmGuard include SPS-16V	8x MGCB Ports, Internet connection RJ-45, 3 Alarms relay
GE-EPS-1		Electrical Panel Supervisor for 1 panel	1 MGCB Port, 1 CT, 1 Room Temp and 1 Heat Detector
GE-EPS-4		Electrical Panel Supervisor for up to 4 panels	4 MGCB Ports, 4 CT, 1 Room Temp and 1 Heat Detector
EPS-CT-2.5		Current transmitter, 2.5 inches inside diameter	Inside diameter 2.5", CT
EPS-CT-3.5		Current transmitter, 3.5 inches inside diameter	Inside diameter 3.5", CT
2004-10K/MB		10k temperature probe equipped with magnet	Temp sensor box with magnet for easy installation on electric panel, 5 ft cable