

Finding a Way to Provide Solutions  
to Common Industry Challenges

## H-PD-2 Heater Power Detector



Instantly Verify if Motor Heater Circuits are Operational...





## MOVE YOUR MOTOR MONITORING FORWARD

### H-PD-2 Heater Power Detector

*Strip heater circuit protection with red or green light notification of correct operation.*



## Know if your Motor Heaters are working correctly

### Intended Use

- Monitoring of the alternating current electric motor space heaters between 1A - 10A
- Monitor other constant current circuits for activity
- Early notification of electric motor heater status
- One, two, or even eight or more separate electric heaters can be monitored in one large electric motor
- 1 x signal output for remote monitoring.

Strip or space heaters are specified to provide effective heating of the interior spaces of electric motors and other machines. One primary reason they are present is to provide a measure of defense against the deleterious effects of water contamination or penetration on the electric coils and elements of the motor or electric insulation systems. When they work properly, operators are rewarded with the performance they expect out of their motors. Installed deep inside the motor... out of sight might mean... out of mind, their hidden utility may be forgotten, or not understood.

When heaters are forgotten or

ignored and/or not energized at the proper times, condensing moisture can lead to sometimes irreversible damage to hidden interior components of motors. Very costly, unanticipated problems can result.

Therefore, a need exists for a simple, minimally invasive, effective and easy to understand "early warning" method for alerting maintenance professionals about proper operation of their electric motor space heaters.

### Modern Solution for an Ongoing Problem

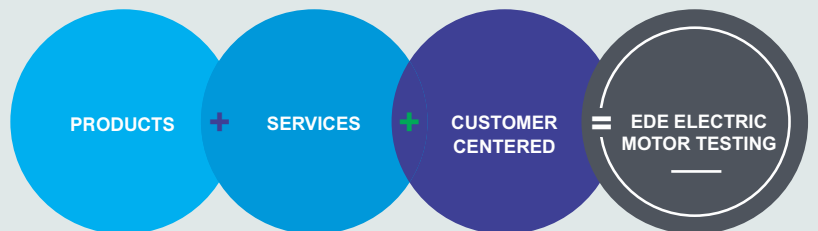
The solution to this problem is the H-PD-2 Heater Power Detector from EDE Electric Motor Testing. This simple DIN rail mountable device will give you the

early warning that your motor heaters are non-operational or have not been turned on. It is packaged in a ingress protection IP65 enclosure with a translucent cover for easy viewing of the status indicator lights..

Don't fall prey to this ever to present scenario. You turn off your motors for an outage or general maintenance and leave them off for a week or two or maybe longer? When you turn them back on, they fail to ground due to moisture build up because the motor heaters never came on? Now a little maintenance turns into a lot of repair. At EDE we have the easy and cost effective solution for you.

- Early warning of electric space heaters improper function
- Monitor motors if they trip off or have been forgotten for any length of time - both in stores and in the plant
- Easily seen green and red LEDs alert maintenance staff to motor status
- Easily installed DIN Rail system
- IP65 Enclosures available
- Self powered - harvests energy from heater circuit for its operation
- Split core CT for easy installation. No need to lift wires





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