



The RLE Power Fail Monitor (PFM) is a convenient power sensor that detects the loss of utility power. The PFM provides early warning that power has been lost and that reserve power needs to be activated. On loss of power, the unit sends a signal via its Form C output relay.

The PFM plugs directly into a standard (USA) 120V power outlet and screws securely into the outlet to ensure that it is not accidentally disconnected. The PFM integrates easily with existing alarm monitoring systems, including Falcon monitoring products.

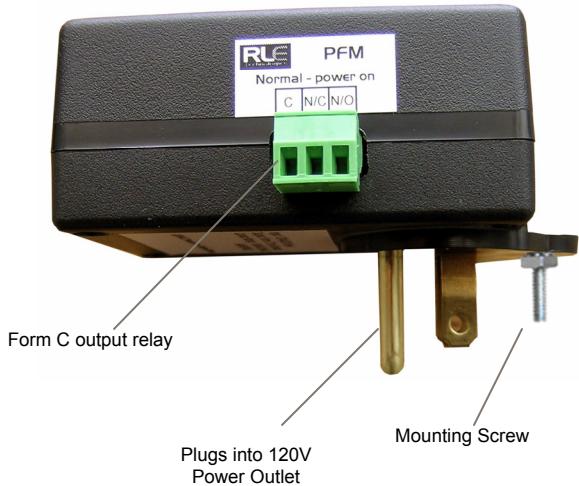
Key Features & Benefits

- Helps your business mitigate costly downtime due to power loss
- Plugs into any standard (USA) 120V outlet
- Provides Form C output relay upon loss of power
- Integrates easily with existing monitoring equipment
- Affordable and reliable power fail monitor

Specifications

Power	120VAC @ 15mA
Outputs	
Relay	1 Dry Contact, Form C; 10A @ 120VAC; 5A @ 30VDC
Operating Environment	
Temperature	32°F to 122°F (0°C to 50°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000ft (4,572m) max.
Storage Environment	-4°F to 158°F (-20°C to 70°C)
Dimensions	2.375"W x 3.5"H x 2.25"D (60mmW x 89mmH x 57mmD)
Weight	0.21 lbs. (0.01kg)

Wiring Diagram



Installation & Setup

The PFM is in its normal state when power is applied. Therefore, the state noted on the Form C output relay is the state of the output when the PFM is energized.

To install the PFM:

- 1) Wire the relay output to the appropriate input on the Falcon system, RA1x2, or other equipment that will accept a digital dry contact input.
- 2) Plug the PFM into a 120V outlet.



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FORT COLLINS CO
970 484-6510
970 484-6650 FAX
WWW.RLETECH.COM

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