



PROLIPHIX

Ethernet Power

EPA

ETHERNET POWER ADAPTER

EPA-20/60

Multi-port Ethernet Power Adapter

EPA-20 – 2 port

EPA-60 – 6 port

Product Highlights

- Ethernet Cable Power Injection
- Standard Cat5 Punch-Down Termination
- Standard RJ45 Patch Connectors
- Short Circuit Protection

Proliphix Network Power

The Proliphix Ethernet Power Adapter provides a very economical means to terminate in-wall Ethernet wiring and power Proliphix Network Thermostats. Proliphix Network Power delivered through the EPA-20/60 is a low cost alternative to expensive Power over Ethernet (PoE, 802.3af) power injector equipment.

Proliphix Ethernet Power Adapters are multi-port power injectors capable of supplying power to either two (EPA-20) or six (EPA-60) Network Thermostats. Low voltage power is delivered to the thermostats through the unused pairs on the Ethernet cable, from the included wall-mounted power supply.

Both EPA-20 and EPA-60 are easily installed near the network equipment and at the point of termination of the Cat5 cables wired to each Network Thermostat. For each thermostat, there are two cable terminations on the EPA: one which provides data connectivity and power to the thermostat and the other which provides data connectivity only to the network equipment. For each thermostat, these two terminations are bridged to one another on the EPA to provide flow-thru data connectivity from the thermostat to the network equipment or network equipment to the thermostat. Power to each thermostat is isolated from the network equipment which may include hubs, switches and routers.

Specifications

Operating Temperature: -10°C to +40°C

Dimensions: EPA-20 4.75" x 2.0" x .875"
 EPA-60 7.25" x 2.0" x .875"

Weight: EPA-20 .5 lb
 EPA-60 1 lb

Agency Approvals: UL

Warranty: 1 year Limited Warranty



Features

- Powers Multiple Network Thermostats
- Fused Protection
- Rugged Steel Enclosure
- Passive Electronic Design

Typical Network Installation

Each thermostat Cat5 cable is punched down to the 110 block on the EPA designated for that thermostat. Associated with each 110 punch down block (for each thermostat), is a standard RJ45 Ethernet jack which supports patch-cable data connectivity from the thermostat to the network equipment.

