



ACTIV 10G HW Kit

Hardwire Conversion Kit for
ACTIV 10G Ethernet EMI Filter

POWER: 12 VDC; 2A min

Requires a separately Listed power supply marked
"LPS" or "Class 2"

TEMP: 0°C to 40°C; Indoor Use Only



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■ WARNING ■

Risk of electric shock. Connection to building power must be performed by a qualified electrician in compliance with local electrical codes. A readily accessible disconnect device must be incorporated in the building installation wiring.

Kit Contents

- DC Power Cordset (barrel connector to red, black, and green drain).
- Wago Lever Connectors (AC and DC connections)
- Strain Relief Bushing and NM Cable Connector.
- Separately Listed 12 VDC, 2A min “LPS” or “Class 2” Power Supply (e.g. American Lighting LED-DRJ-30-12, cULus Listed; or equivalent). Not part of the filter UL listing.

Installation Steps

1. Install the ACTIV 10G filter through the shield wall per the ACTIV 10G installation instructions. Position the filter within 10 ft of the power supply location.
2. Turn building power OFF at the breaker. Verify no power is present on the building installation wiring.
3. Install the Listed 12 VDC power supply per its manufacturer's instructions.
4. A qualified electrician should perform the following:
Route the building wiring through the NM cable connector into the supply's junction box and connect building power to the supply's AC input using the Wago connectors (line, neutral, and AC ground), per the supply's instructions and local electrical codes. A readily accessible disconnect device must be incorporated in the building installation wiring.
5. Route the cordset's wire leads through the strain relief bushing into the supply's junction box and tighten the bushing to secure the cordset. Using the Wago connectors, connect red to the supply's +12 VDC output and black to the DC return (-). Connect the shield drain to the supply's DC ground terminal. Secure the supply's junction box cover.
6. Restore building power at the breaker.
7. Plug the cordset's right-angle barrel connector into the filter's DC input jack. Verify the filter Power LED is illuminated.