LHC018A-AC-R2

BLACK BOX
NETWORK SERVICES

IE PowerTray 18-Slot AC

Provides high-density mounting and powering for all our Miniature Media Converters.



Customer Support Information

Order toll-free in the U.S.: Call 877-877-BBOX (outside U.S. call 724-746-5500)
FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746 • Mailing address: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018 • Web site: www.blackbox.com • E-mail: info@blackbox.com

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FCC and Industry Canada RF Interference Statements

This equipment generates, uses, and can radiate radio-frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par le Industrie Canada.

Certifications

UL/CUL: Listed to Safety of Information Technology Equipment, including Electrical Business Equipment.

Class 1 Laser product, Luokan 1 Laserlaite, Laser Klasse 1, Appareil A'Laser de Classe

European Directive 2002/96/EC (WEEE) requires that any equipment that bears this symbol on product or packaging must not be disposed of with unsorted municipal waste. This symbol indicates that the equipment should be disposed of separately from regular household waste. It is the consumer's responsibility to dispose of this and all equipment so marked through designated collection facilities appointed by government or local authorities. Following these steps through proper disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about proper disposal, please contact local authorities, waste disposal services, or the point of purchase for this equipment.

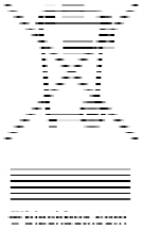


Table of Contents

Part Numbers 6
1. Specifications 7
2. Overview: About the IE PowerTray 18-Slot AC 8
3. Install the IE PowerTray 18-Slot AC and and IE Miniature Media Converters 9
4. Contacting Black Box 10
5. Electrostatic Discharge Precautions 11

Part Numbers

Part Number	Description
LHC018A-AC-R2	IE PowerTray 18-Slot AC

1. Specifications

AC Input Load	100 to 240 ±10% VAC, 50/60Hz, 1.5 to 0.75A
Operating Temperature	-4°F to +158°F (-20°C to +70°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	5% to 95% (non-condensing); 0 to 10,000 ft. altitude
Dimensions	2.30”H x 16.97"W x 9.25”D (5.80cm x 43.10cm x 23.5cm)

2. Overview: About the IE PowerTray 18-Slot AC

The IE PowerTray 18-Slot AC is a modular enclosure for installing up to 18 Black Box Compact Converter Form Factor miniature media converters. The IE PowerTray 18-Slot AC features an internal AC power supply.

- Miniature Media Converter 10/100
- Miniature Media Converter 10/100/1000
- Gigabit Miniature Media Converters
- Multi-Power Miniature Media Converter 10/100/1000
- MultiPower Industrial Media Converters
- Industrial SFP/SFP Multi-Power Mode Converter

NOTE
All the above will be referred to as Compact Converter Form Factor throughout this manual.

3. Install the IE PowerTray 18-Slot AC and and IE Miniature Media Converters

The IE PowerTray 18-Slot AC mounts into an equipment rack. Black Box recommends turning OFF the power to the chassis before proceeding.

To install a Compact Converter Form Factor, make sure the data connectors are facing the front of the tray. Slide the Compact Converter Form Factor into the IE PowerTray 18-Slot AC, using the guides, until the Compact Converter Form Factor is firmly seated in the backplane. Attach the network cables between the Compact Converter Form Factor and other devices that will be interconnected. Plug the chassis into a power source and turn the chassis power switch to ON. There is a green LED located on the back of the unit that indicates when the unit has power.

Compact Converter Form Factor units are hot-swappable when installing in the IE PowerTray 18-Slot AC. Refer to the installation guide shipped with Compact Converter Form Factor for information on its operation.

4. Contacting Black Box

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E-mail: info@blackbox.com

5. Electrostatic Discharge Precautions

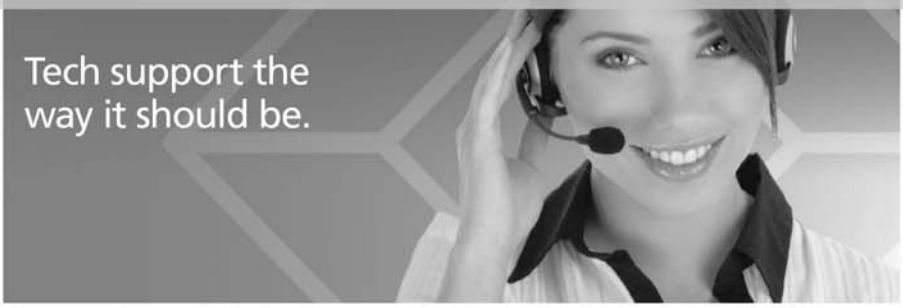
Electrostatic discharge (ESD) can cause damage to any product, add-in modules or stand alone units, containing electronic components. Always observe the following precautions when installing or handling these kinds of products.

1. Do not remove unit from its protective packaging until ready to install.
2. Wear an ESD wrist grounding strap before handling any module or component. If the wrist strap is not available, maintain grounded contact with the system unit throughout any procedure requiring ESD protection.
3. Hold the units by the edges; do not touch the electronic components or gold connectors.
4. After removal, always place the boards on a grounded, static-free surface, ESD pad or in a proper ESD bag. Do not slide the modules or stand alone units over any surface.



WARNING! Integrated circuits and fiber optic components are extremely susceptible to electrostatic discharge damage. Do not handle these components directly unless you are a qualified service technician and use tools and techniques that conform to accepted industry practices.

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About Black Box

Black Box Network Services is your source for more than 118,000 networking and infrastructure products. You'll find everything from cabinets and racks and power and surge protection products to media converters and Ethernet switches all supported by free, live 24/7 Tech support available in 30 seconds or less.

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