

Installation Steps

1. Turn off power to all connected equipment. If it is not possible to turn off the connected equipment, be sure to work with only one connector at a time.
2. The unit has two RJ-45 jacks: one on the network (wall) side and one on the equipment (user) side. Connect an RJ-45 Ethernet cable to the RJ-45 jack on the network side of the wallplate isolator.
3. Install the unit in a standard single-gang electrical box with the supplied mounting screws.
4. Using a second Ethernet cable, complete the network connection to the RJ-45 jack on the front of the wallplate.

Troubleshooting

If you determine that your Isolated Ethernet Wallplate is malfunctioning, do not attempt to alter or repair the unit. It contains no user-serviceable parts. Contact Black Box Technical Support at 724-746-5500 or info@blackbox.com.

If you need to transport or ship your Isolated Ethernet Wallplate:

- Package it carefully. We recommend that you use the original container.
- If you are returning the unit, make sure you include everything you received with it. Before you ship for return or repair, contact Black Box to get a Return Authorization (RA) number.



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SP4000A, rev. 1

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Isolated Ethernet Wallplates

Isolate Ethernet communications in compliance with EN60601-1 standards.



Specifications

Application: SP4000A, SP4010A: 10/100/1000 Ethernet;
SP4001A, SP4011A: 10/100 Ethernet

Finish: SP4000A–SP4001A: Stainless steel;
SP4010A–SP4011A: Plastic

Interface: 10BASE-T, 100BASE-TX;
SP4000A and SP4010A also have: 1000BASE-T 8-wire

Isolation: Up to 4 kV

Safety Compliance: European Medical Device Directive,
General requirement for safety standard EN60601-1:2006

Standards: IEEE 802.3i, 802.3u, and 802.3ab; RoHS

MTBF: >100,000 hours

Operating Environment:
Temperature: 32 to 158° F (0 to 70° C)
Humidity: 0 to 95%, noncondensing

Connectors: (2) RJ-45

Size: 4.5"H x 2.75"W x 2.25"D (11.4 x 7 x 5.7 cm)

Weight: 0.6 lb. (0.3 kg)

Overview

This wallplate has been designed for compliance with the European Medical Device Directive EN60601-1 and is for use with third-party certified equipment. When properly installed, these products provide electrical isolation per EN60601-1 requirements.

What's included

- 10/100/1000 or 10/100 wall-mounted surge protector
- Mounting screws
- This specification sheet

For installation instructions, turn this page over...

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
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