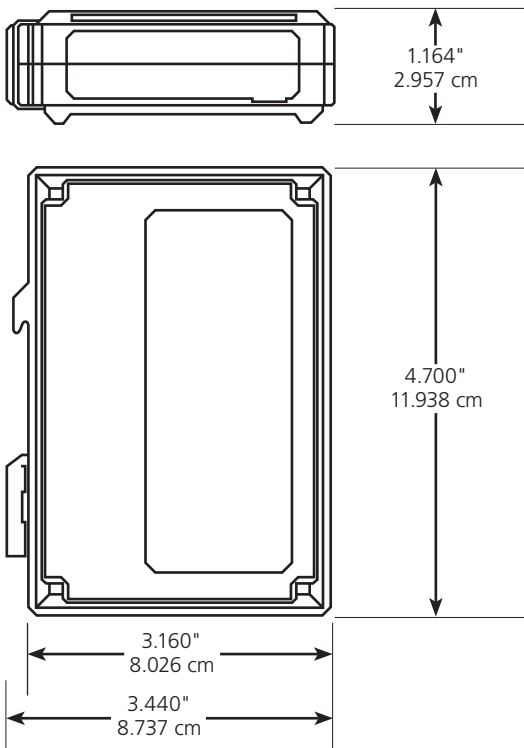




## Industrial Ethernet Surge Protector

### Protect all eight CATx lines in heavy industrial areas.

Get superior protection in a space-saving IP30-rated DIN rail enclosure.



### Overview

This Industrial Ethernet Surge Protector is PoE compatible, and it works with 10BASE-T/100BASE-TX. It is designed to protect all eight lines in a standard CAT5x Ethernet cable.

Housed in a space-saving IP30 DIN rail enclosure, it clips easily to a standard 35-mm DIN rail.

#### 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](http://www.blackbox.com) • E-mail: [info@blackbox.com](mailto:info@blackbox.com)

## Specifications

**Application** — 10BASE-T/100BASE-TX

**Capacitance** — <50 pF

**Compliance** — UL® File Number: E222870;

FCC DoC available for download

**Enclosure** — Plastic; IP 30 DIN rail case

**Lines Protected** — All (8)

**MTBF** — 131,960 hours; calculation method: parts count reliability prediction

**Peak Pulse Power** — 600 watts

**Peak Surge Current** — 1000 amps

**Protocols** — 802.11af (Modes A & B)

**Response Time** — <5 ns

**Standard Clamping Voltage** — 60 volts

**Tightening Torque** — 1.7 lb.-in.

**Wire Range** — 14 to 22 AWG

**Wire Temperature Rating** — +221° F (+105° C) minimum (sized for +140° F [+60° C] ampacity)

**Wire Type** — Copper wire only; one conductor per terminal

**CE Approval** — Yes

**RoHS** — Yes

**Connectors** — (2) RJ-45

**Operating Environment** — Temperature: -40 to +176° F (-40 to +80° C);

Humidity: 0 to 95%, noncondensing

**Size** — 4.7"H x 1.2"W x 3.4"D (11.9 x 3.0 x 8.6 cm)



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ICD300A, rev. 1

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