## ISDN Data-Line Surge Protectors, RJ-45

# Protect your valuable equipment against dangerous surges.

## FEATURES

» The fastest suppression technology available.
» Overcurrent and overvoltage protection.
» The SP526A protects Pins 1, 2, 4, and 5 and is custom-wired to guard the four actiave leads on a standard T1 line.
» Meets IEC standards.
» UL® Listed under standard 497A.
» Standard clamping voltage is 60 volts.

## OVERVIEW

If you're looking to ensure reliable communication on ISDN "U" and "ST" communication interfaces, look no further than our ISDN Data-Line Surge Protectors.

One model provides protection on the U interface connection at the terminal adapter or NTU—the most critical location. The other model protects both the signal and power control lines on sensitive ST interfaces at the terminal adapter or NTU.

The surge protectors divert dangerous surge energies away from sensitive mission-critical equipment without decreasing physical distances or data speed of ISDN U and ST communications interfaces. They are low-loss devices that are practically invisible to communication standards.

These protectors are safe for almost any system. And they meet UL and ISO 801 standards.

A high-performance flat ground braid increases the speed and energy performance by 300% over round-wire-ground conductors. This gives you better protection.

In case of a high-energy transient, it will fail safely to ground and continue to provide protection—sacrificing itself to continue protecting your equipment.

## TECH SPECS

**Approvals** — UL® 497A Telco specification
**In-Line Fuse Rating** — 250 volts, 3/4 amps, 2.95 amps/sec. nominal melting point
**Pins Protected** — SP050A-R2: Pins 3, 4, 5, 6; SP526A, SP060A-R2: All eight pins on the RJ-45 interface
**Series Resistance:** 0.34 ohms
**Protection Mode** —
    SP050A-R2: All pins common mode to shielding braid and differential mode (pins 3 and 6, 4 and 5);
    SP536A, SP060A-R2: All pins common mode to shielding braid and differential mode (pins 1 and 2, 7 and 8, 3 and 6, and 4 and 5)
**CE Approval** — Yes
**Connectors** — (2) RJ-45 female, (1) RJ-45 male on cable attached to one of the RJ-45 female connectors
**Size** — 0.9"H x 1.5"W x 3.6"D (2.3 x 3.8 x 9.1 cm)
**Weight** — 5 oz. (142 g)

| Item | Code |
|---|---|
| ISDN & CSU/DSU Data-Line Surge Protectors, RJ-45 | |
|    U Interface, ISDN, & CSU/DSU | **SP050A-R2** |
| T1, DDS, & CSU/DSU Non-Span Surge Protectors, RJ-45 | |
|    4-Wire, T1 | **SP526A** |
|    8-Wire, T1, DDS, & CSU/DSU | **SP060A-R2** |

## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

### Recognize any of these situations?

• You wait more than 30 minutes to get through to a vendor's tech support.
• The so-called "tech" can't help you or gives you the wrong answer.
• You don't have a purchase order number and the tech refuses to help you.
• It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

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