

## Features

- Accepts 5-pin protector modules
- Lightweight and compact
- 10, 20, 25, 50 and 100 pair models
- Custom models available
- UL Listed per 1893
- RoHS Compliant\*

## **Applications**

- CEV, huts, cabinets, pedestals
- PBXs
- Data communications

The Bourns<sup>®</sup> Model BLK Series 5-pin protector module panels are designed to provide protection for circuits being provided on twisted pair. These panels are designed to provide connection and protection for cabinets, CEV, huts, and pedestal applications. The modular protector panels are Cat 5 compatible and can be easily sized to a variety of port counts for broadband applications. A large variety of module capacities are available by combining various standard 10, 20, 25, 50 and 100 pair models.

**BLK Series Protector Panels** 

The BLK Series uses standard 5-pin modules to provide overvoltage protection from harmful transient voltage surges such as lightning and power cross transients. 5-pin modules with sneak current protection are also available. The BLK Series building terminal can be supplied with no modules or with factory-installed Bourns<sup>®</sup> 5-pin protector modules of your choice. See <u>www.bourns.com</u> for Bourns<sup>®</sup> 5-pin protector module specifications.

#### Specifications

Material	
Plastic (Main Body)	UL 94V-0 rated
Metal (Mounting Hardware)	Steel, zinc-plated
Conductive Components	
Insulation Resistance	> 30 megohms @ 1000 VD
Temperature Characteristics	5
High Temperature	+60 °C without deformation

#### **Product Dimensions**

Short Pin Models	Length x Width x Thickness (Inches)	Weight (Pounds)
BLK-010- <b>x</b> -01 BLK-010- <b>x</b> -02	6.7 x 0.83 x 0.84	0.17
BLK-020- <b>A</b> -01 BLK-020- <b>A</b> -02	8.6 x 1.5 x 0.84	0.31
BLK-020- <b>B</b> -01 BLK-020- <b>B</b> -02	8.7 x 1.4 x 0.9	0.40
BLK-025- <b>x</b> -01 BLK-025- <b>x</b> -02	4.9 x 3.1 x 0.84	0.35
BLK-050- <b>x</b> -01 BLK-050- <b>x</b> -02	8.7 x 3.1 x 0.84	0.8
BLK-100- <b>x</b> -01 BLK-100- <b>x</b> -02	7.9 x 6.1 x 0.84	1.5
BLK-100- <b>C</b> 01 <sup>(1)</sup>	7.9 x 6.1 x 0.84	1.5

<sup>(1)</sup> BLK-100-C01 double-hole option only available with short gold pins.

Long Pin Models	Length x Width x Thickness (Inches)	Weight (Pounds)
BLK-010- <b>x</b> -03 BLK-010- <b>x</b> -04	6.7 x 0.83 x 1.1	0.17
BLK-020- <b>A</b> -03 BLK-020- <b>A</b> -04	8.6 x 1.5 x 1.1	0.31
BLK-020- <b>B</b> -03 BLK-020- <b>B</b> -04	8.7 x 1.4 x 1.1	0.40
BLK-025-x-03 BLK-025-x-04	4.9 x 3.1 x 1.1	0.35
BLK-050- <b>x</b> -03 BLK-050- <b>x</b> -04	8.7 x 3.1 x 1.1	0.8
BLK-100- <b>x</b> -03 BLK-100- <b>x</b> -04	7.9 x 6.1 x 1.1	1.5

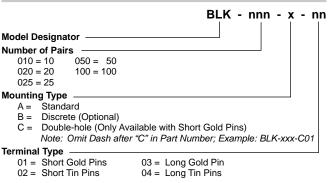
Examples:

BLK-010-A-01 = 10 pair, standard mount, short gold pins BLK-010-A-02 = 10 pair, standard mount, short tin pins BLK-025-B-03 = 25 pair, discrete mount, long gold pins BLK-025-B-04 = 25 pair, discrete mount, long tin pins

Packaging	Specification	s
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Model	Carton Length x Width x Thickness (Inches)	Quantity per Carton
BLK-010	7 x 7 x 4	15
BLK-020	12 x 8 x 12.5	40
BLK-025	13.25 x 11.5 x 7.25	20
BLK-050	12 x 8 x 12.5	20
BLK-100	30 x 12 x 16	40
BLK-100-C01	30 x 12 x 16	40

### How to Order



WARNING Cancer and Reproductive Harm

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

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