



Features

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

Applications

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

BOURNS®

BLK Series Protector Panels

Bourns® 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.

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® 5-pin protector modules of your choice. See www.bourns.com for Bourns® 5-pin protector module specifications.

Specifications

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

Product Dimensions

Short Pin Models	Length x Width x Thickness (Inches)	Weight (Pounds)
BLK-010-x-01 BLK-010-x-02	6.7 x .83 x .84	0.17
BLK-020-x-01 BLK-020-x-02	8.6 x 1.5 x .84	0.31
BLK-025-x-01 BLK-025-x-02	4.9 x 3.1 x .84	0.35
BLK-050-x-01 BLK-050-x-02	8.7 x 3.1 x .84	0.8
BLK-100-x-01 BLK-100-x-02	7.9 x 6.1 x .84	1.5

Long Pin Models	Length x Width x Thickness (Inches)	Weight (Pounds)
BLK-010-x-03 BLK-010-x-04	6.7 x .83 x 1.1	0.17
BLK-020-x-03 BLK-020-x-04	8.6 x 1.5 x 1.1	0.31
BLK-025-x-03 BLK-025-x-04	4.9 x 3.1 x 1.1	0.35
BLK-050-x-03 BLK-050-x-04	8.7 x 3.1 x 1.1	0.8
BLK-100-x-03 BLK-100-x-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-A-03 = 25 pair, standard mount, long gold pins
 BLK-025-A-04 = 25 pair, standard mount, long tin pins

Packaging Specifications

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	12 x 8 x 12.5	14

How to Order

BLK - nnn - x - nn

Model Designator	_____
Number of Pairs	_____
010 = 10	
020 = 20	
025 = 25	
050 = 50	
100 = 100	
Mounting Type	_____
A = Standard	
B = Discrete (Optional)	
Terminal Type	_____
01 = Short Gold Pins	
02 = Short Tin Pins	
03 = Long Gold Pins	
04 = Long Tin Pins	

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Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.