

## Features

- Front-facing configuration - easy access to protector modules, jumper field and test field
- Increased density - configuration increases pair density by 25 percent when compared to traditional 303-type connector blocks
- Industry-standard design - Accepts all standard 303-type protector modules and testing equipment
- Integral fanning strip helps maintain neat and orderly wiring

## Model C(G)-310 100-Pair Connector

Bourns® C(G)-310 Connector is intended for applications where protector pair density and front-facing protector modules, test field and jumper field are important. It is ideal for “protector only” frames where the jumpering between the switching equipment and the connector is done on separate, intermediate distributing frames.

This 362 mm high (14.25 inch) connector maintains the basic features of the 303 connector while increasing the protected pair density by 25 percent compared to the C(G)-303.

The C(G)-310 connector consists of a one-piece, flame retardant, molded plastic panel fastened to a rugged metal mounting bar to provide sturdiness.

The C(G)-310 connector may be used on central office mainframes with 203 mm (8 inch) between verticals. The C(G)-310 connector accepts the full line of industry standard 303-type, 5-pin protector modules including Bourns® hybrid, solid state and gas tube modules.

### Specifications

#### Plastic Materials

Main Body.....Polycarbonate, ivory, UL 94V-0

#### Metal Parts

Mounting Hardware .....Steel, zinc-plated

Current-Carrying Components .....Copper or copper alloys, tin-plated

#### Cable Stub

Termination .....Wire-wrap, field-installed

#### Cross-Connect (Jumper) Connections

Termination .....Wire-wrap

Contact Resistance.....< 2 milliohms

Dielectric Strength .....> 1500 VDC and >1000 VAC @ 50-60 Hz for two minutes

Insulation Resistance .....> 30 megohms @ 1000 VDC

Environmental Conditions .....Operating environment with temperature ranging from 0 °C (+32 °F) to +50 °C (+122 °F) up to 95% R.H.

#### Temperature Characteristics

High Temperature.....+60 °C (+140 °F) without deformation

#### Frame Vertical Capacities

Height 2.13 m (7.0 ft.) .....500 pairs

Height 2.44 m (8.0 ft.) .....500 pairs

Height 2.74 m (9.0 ft.) .....600 pairs

Height 3.51 m (11.5 ft.) .....900 pairs

Height 4.27 m (14.0 ft.) .....1000 pairs

### Packaging Specifications

Dimensions (H x W x D).....150 x 460 x 200 cm (6 x 18 x 8 in.)

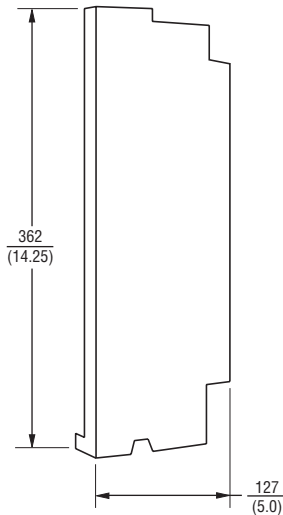
Weight .....2.3 kg (5.0 lb.)

Standard Package.....1

# Model C(G)-310 100-Pair Connector

**BOURNS®**

## Product Dimensions



DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$

## How to Order

Product Code	Part Number	Description
310-0000	<b>A0312448</b>	310 Connector, 100 pair, wire-wrap, stubless, tin
310-0023	<b>A0344094</b>	310 Connector, 100 pair, wire-wrap, 22 AWG, bond 30 ' stub, down, tin
310-0025	<b>A0344096</b>	310 Connector, 100 pair, wire-wrap, 22 AWG, bond 50 ' stub, down, tin
310-0028	<b>A0344097</b>	310 Connector, 100 pair, wire-wrap, 22 AWG, bond 80 ' stub, down, tin
310-0020	<b>A0344098</b>	310 Connector, 100 pair, wire-wrap, 22 AWG, bond 100 ' stub, down, tin
310-0B000	<b>310-0B000</b>	310 Connector, 100 pair, wire-wrap, stubless
310-0B303	<b>310-0B303</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, bond 30 ' stub, down, gold
310-0B305	<b>310-0B305</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, bond 50 ' stub, down, gold
310-0B308	<b>310-0B308</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, bond 80 ' stub, down, gold
310-0B310	<b>310-0B310</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, bond 100 ' stub, down, gold
310-0B103	<b>310-0B103</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, unbond 30 ' stub, down, gold
310-0B105	<b>310-0B105</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, unbond 50 ' stub, down, gold
310-0B108	<b>310-0B108</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, unbond 80 ' stub, down, gold
310-0B110	<b>310-0B110</b>	310 Connector, 100 pair, wire-wrap, 24 AWG, unbond 100 ' stub, down, gold

Note: Order by Part Number.