

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

Specifications are subject to change without notice.

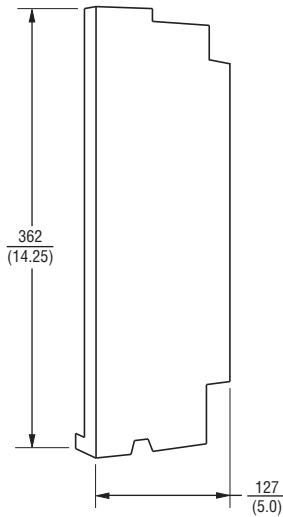
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.

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	A0312448	310 Connector, 100 pair, wire-wrap, stubless, tin
310-0023	A0344094	310 Connector, 100 pair, wire-wrap, 22 AWG, bonded, 30 ' stub, down, tin
310-0025	A0344096	310 Connector, 100 pair, wire-wrap, 22 AWG, bonded, 50 ' stub, down, tin
310-0028	A0344097	310 Connector, 100 pair, wire-wrap, 22 AWG, bonded, 80 ' stub, down, tin
310-0020	A0344098	310 Connector, 100 pair, wire-wrap, 22 AWG, bonded, 100 ' stub, down, tin
310-0B000	310-0B000	310 Connector, 100 pair, wire-wrap, stubless, gold
310-0B303	310-0B303	310 Connector, 100 pair, wire-wrap, 24 AWG, bonded, 30 ' stub, down, gold
310-0B305	310-0B305	310 Connector, 100 pair, wire-wrap, 24 AWG, bonded, 50 ' stub, down, gold
310-0B308	310-0B308	310 Connector, 100 pair, wire-wrap, 24 AWG, bonded, 80 ' stub, down, gold
310-0B310	310-0B310	310 Connector, 100 pair, wire-wrap, 24 AWG, bonded, 100 ' stub, down, gold

Note: Order by Part Number.

REV. E 09/15

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