



Features

- Front-facing configuration - easy access to protector modules, jumper field and test field
- 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)-303 100-Pair Connector

Bourns® C(G)-303 Connector is intended for applications where lower pair density and full front-facing accessibility are required. The connector is used in central offices where there is ample frame space or to expand existing installations using C(G)-303 connectors. This 483 mm high (19 inch) connector is a 100-pair connector for use on central office main distributing frames, Private Automatic Branch Exchange (PABX) carrier and other special service applications.

The C(G)-303 connector may be used on central office mainframes and other frames with 8 inch (203 mm) between verticals. The 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.) 300 pairs

Height 2.44 m (8.0 ft.) 400 pairs

Height 2.74 m (9.0 ft.) 400 pairs

Height 3.51 m (11.5 ft.) 600 pairs

Height 4.27 m (14.0 ft.) 800 pairs

Packaging Specifications for Stubless Models

Dimensions (H x W x D) 150 x 500 x 200 cm (6 x 19.7 x 8 in.)

Weight 2.5 kg (5.5 lb.)

Standard Package 1

Specifications are subject to change without notice.

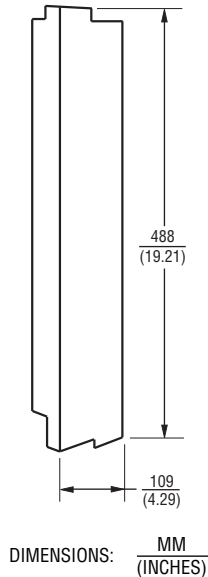
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.

Model C(G)-303 100-Pair Connector

BOURNS®

Product Dimensions



How to Order

Product Code	Part Number	Description
Stubless		
303-0000	A0313099	C-303 Connector, 100 pair, tin, stubless
303-0B000	303-0B000	CG-303 Connector, 100 pair, gold, stubless
Bonded Cable, Tin with Stub		
303-0023	A0344033	C-303 Connector, 100 pair, tin, 22 AWG, 30 ' stub
303-0025	A0344035	C-303 Connector, 100 pair, tin, 22 AWG, 50 ' stub
303-0028	A0344036	C-303 Connector, 100 pair, tin, 22 AWG, 80 ' stub
303-0020	A0344037	C-303 Connector, 100 pair, tin, 22 AWG, 100 ' stub
303-0043	A0344027	C-303 Connector, 100 pair, tin, 24 AWG, 30 ' stub
303-0045	A0344029	C-303 Connector, 100 pair, tin, 24 AWG, 50 ' stub
303-0048	A0344030	C-303 Connector, 100 pair, tin, 24 AWG, 80 ' stub
303-0040	A0344031	C-303 Connector, 100 pair, tin, 24 AWG, 100 ' stub
Bonded Cable, Gold with Stub		
303-0B403	303-0B403	CG-303 Connector, 100 pair, gold, 22 AWG, 30 ' stub
303-0B405	303-0B405	CG-303 Connector, 100 pair, gold, 22 AWG, 50 ' stub
303-0B408	303-0B408	CG-303 Connector, 100 pair, gold, 22 AWG, 80 ' stub
303-0B410	303-0B410	CG-303 Connector, 100 pair, gold, 22 AWG, 100 ' stub
303-0B303	303-0B303	CG-303 Connector, 100 pair, gold, 24 AWG, 30 ' stub
303-0B305	303-0B305	CG-303 Connector, 100 pair, gold, 24 AWG, 50 ' stub
303-0B308	303-0B308	CG-303 Connector, 100 pair, gold, 24 AWG, 80 ' stub
303-0B310	303-0B310	CG-303 Connector, 100 pair, gold, 24 AWG, 100 ' stub

Note: Order by Part Number.

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