

## Features

- Space-saving design - configuration increases pair density by up to 40 % when compared to older types of connector blocks
- Front-facing jumper field - reduced jumper installation time
- Industry-standard configuration accepts all standard 303-type protector modules and testing equipment
- Multiple grounding options - choice of frame, independent or isolated grounding

## Model C-388 100-Pair Connector

Bourns® C-388 Central Office Connector has an efficient and space-saving design that provides up to 40 % greater pair density when compared to older types of connectors. These connectors may be used on central office mainframes, wall-mounted and free-standing modular frames and Private Automatic Branch Exchange (PABX) grids. The C-388 connector provides a comfortable working space between frame verticals and does not extend beyond the guard rail on standard frames.

The 279 mm (11 inch) high design reduces jumper running time with a front-facing jumper field. The jumper field aligns the terminals for each tip-ring pair vertically and places them in groups of five. Each group is clearly numbered adjacent to the jumper and test field. The integral front and rear fanning strips encourage neat and orderly wiring for easier maintenance.

The stub cable and jumper wire terminations are completed using wire wrap technology. Connectors equipped with a stub cable are shipped in the stubdown orientation. The stub direction may be reversed in the field as required.

The C-388 connector accepts the full line of industry standard 303-type, 5-pin protector modules including Bourns® hybrid, solid state and gas tube modules. Because the contacts in the connector are tin-alloy plated, protector modules should also have tin-alloy plated pins to ensure optimal performance.

### Specifications

#### Plastic Materials

Main Body.....	Polycarbonate, ivory, UL 94V-0
Accessories.....	Semi-rigid polyvinyl chloride, white, UL 94V-0

#### Metal Parts

Mounting Hardware .....	Steel, zinc-plated
Current-Carrying Components .....	Copper or copper alloys, tin-plated

#### Cable Stub

Description.....	22 or 24 AWG, 100-pair; bonded PVC jacket, stub down
Pressure .....	Unpressurized
Termination .....	Wire-wrap
Grounding .....	#10 AWG cable ground (drain wire) to mounting bracket
Resistance .....	<5 milliohms (from cable shield bond to connector ground reference)

#### 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.
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#### Temperature Characteristics

High Temperature.....	+60 °C (+140 °F) without deformation
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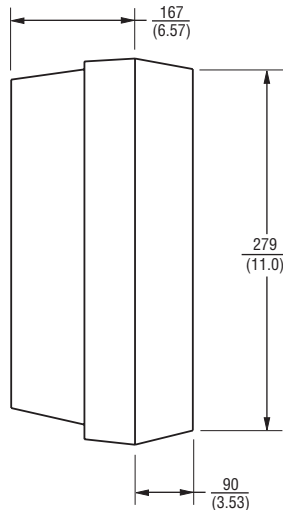
#### Frame Vertical Capacities

Height 2.13 m (7.0 ft.) .....	600 pairs
Height 2.44 m (8.0 ft.) .....	700 pairs
Height 2.74 m (9.0 ft.) .....	800 pairs
Height 3.51 m (11.5 ft.) .....	1100 pairs
Height 4.27 m (14.0 ft.) .....	1400 pairs

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**BOURNS®**

## Product Dimensions



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

## Packaging Specifications

Product Code	Std. Pack	Stub Length m (ft.)	Size (H x W x D) mm (in.)	Weight kg (lb.)
<b>Stubless</b>				
388-0000	1	0	150 x 380 x 300 (6 x 15 x 12)	2.7 (6.0)
<b>22 AWG Stub</b>				
388-0023	1	9.1 (30)	790 x 790 x 150 (31 x 31 x 6)	12.7 (28)
388-0025	1	15.2 (50)	790 x 790 x 150 (31 x 31 x 6)	19.1 (42)
388-0028	1	24.4 (80)	790 x 790 x 150 (31 x 31 x 6)	29.1 (64)
388-0020	1	30.5 (100)	790 x 790 x 300 (31 x 31 x 12)	35.5 (78)
<b>24 AWG Stub</b>				
388-0043	1	9.1 (30)	790 x 790 x 150 (31 x 31 x 6)	10.0 (22)
388-0045	1	15.2 (50)	790 x 790 x 150 (31 x 31 x 6)	14.5 (32)
388-0048	1	24.4 (80)	790 x 790 x 150 (31 x 31 x 6)	21.4 (47)
388-0040	1	30.5 (100)	790 x 790 x 300 (31 x 31 x 12)	25.9 (57)

## How to Order

Product Code	Part Number	Description
<b>Stubless</b>		
388-0000	<b>A0312996</b>	C-388 Connector, 100 pair, tin, stubless
<b>22 AWG Stub</b>		
388-0023	<b>A0344679</b>	C-388 Connector, 100 pair, tin, 22 AWG 30 ft stub down
388-0025	<b>A0344626</b>	C-388 Connector, 100 pair, tin, 22 AWG 50 ft stub down
388-0028	<b>A0344627</b>	C-388 Connector, 100 pair, tin, 22 AWG 80 ft stub down
388-0020	<b>A0344628</b>	C-388 Connector, 100 pair, tin, 22 AWG 100 ft stub down
<b>24 AWG Stub</b>		
388-0043	<b>A0344680</b>	C-388 Connector, 100 pair, gold, 24 AWG 30 ft stub down
388-0045	<b>A0344621</b>	C-388 Connector, 100 pair, gold, 24 AWG 50 ft stub down
388-0048	<b>A0344622</b>	C-388 Connector, 100 pair, gold, 24 AWG 80 ft stub down
388-0040	<b>A0344623</b>	C-388 Connector, 100 pair, gold, 24 AWG 100 ft stub down

Note: A full range of protector modules, mounting bar assemblies, testing connector and cords are available for the C-388 connector.

Note: Order by Part Number.