LEVITON

5G596-Uxx, 5G596-C48

Cat 5e Flat 110-Style Patch Panels and Patch Block

APPLICATION

Leviton Cat 5e Flat 110-Style Patch Panels and Patch Blocks are ideal for modular cross connection and available in a multitude of port densities to meet the needs of high-speed data applications. Craft-friendly 110 punchdowns on the rear of the panel make installation easy.

SPECIFICATION

The patch panels shall meet or exceed the requirements for Category 5e described in ANSI/TIA-568-C.2 as well as the Class D requirements described in ISO/IEC 11801. The panels shall feature both T568A and T568B wiring configurations, white IDC 110-punchdown modules, mounting standoffs for cable management bars, and color-coded front window labeling. The panels shall have universal T568A and T568B wiring card for terminations. The panels shall be made of 14-gauge steel, and shall have a black painted finish with white silk-screening. The plastic elements shall be fire retardant with a UL flammability rating of 94V-0. The panel shall be offered in 12-, 24-, 48-, and 96-port configurations as well as 89D 12-port configuration for wall-mount applications. The patch panel shall be configured with six port modules. The 110 termination on the rear of the panel shall follow normal installation color sequence (blue, orange, green, brown) from left to right.

FEATURES

- Patented Retention Force Technology protects tines from damage from 4- or 6-pin plugs
- Craft-friendly installation
- Universal T568A and T568B wiring cards for 110-style IDC terminations
- Color-coded front labeling for easy port identification (ANSI/TIA-606-B compliant)
- Terminates 26-22 gauge solid conductors
- Centralized labeling (available on 48-port) promotes greater visibility of labels when patch cords are routed into horizontal cable management above and below the patch panel
- Capable of multiple reterminations

DESIGN CONSIDERATIONS

- Mounts on 19-inch equipment racks
- Panel offered in 12-, 24-, 48-, 96-port configurations and 12-port U89 Block for wall-mount applications
- Connector modules are in groups of six
- Includes rear cable management bars
- Use star washers for grounding in rack-mount installations

STANDARDS COMPLIANCE

ANSI/TIA-568-C.2
ISO/IEC 11801
ANSI/TIA-1096-A (formerly FCC Part 68)
cULus Listed

PHYSICAL SPECIFICATIONS

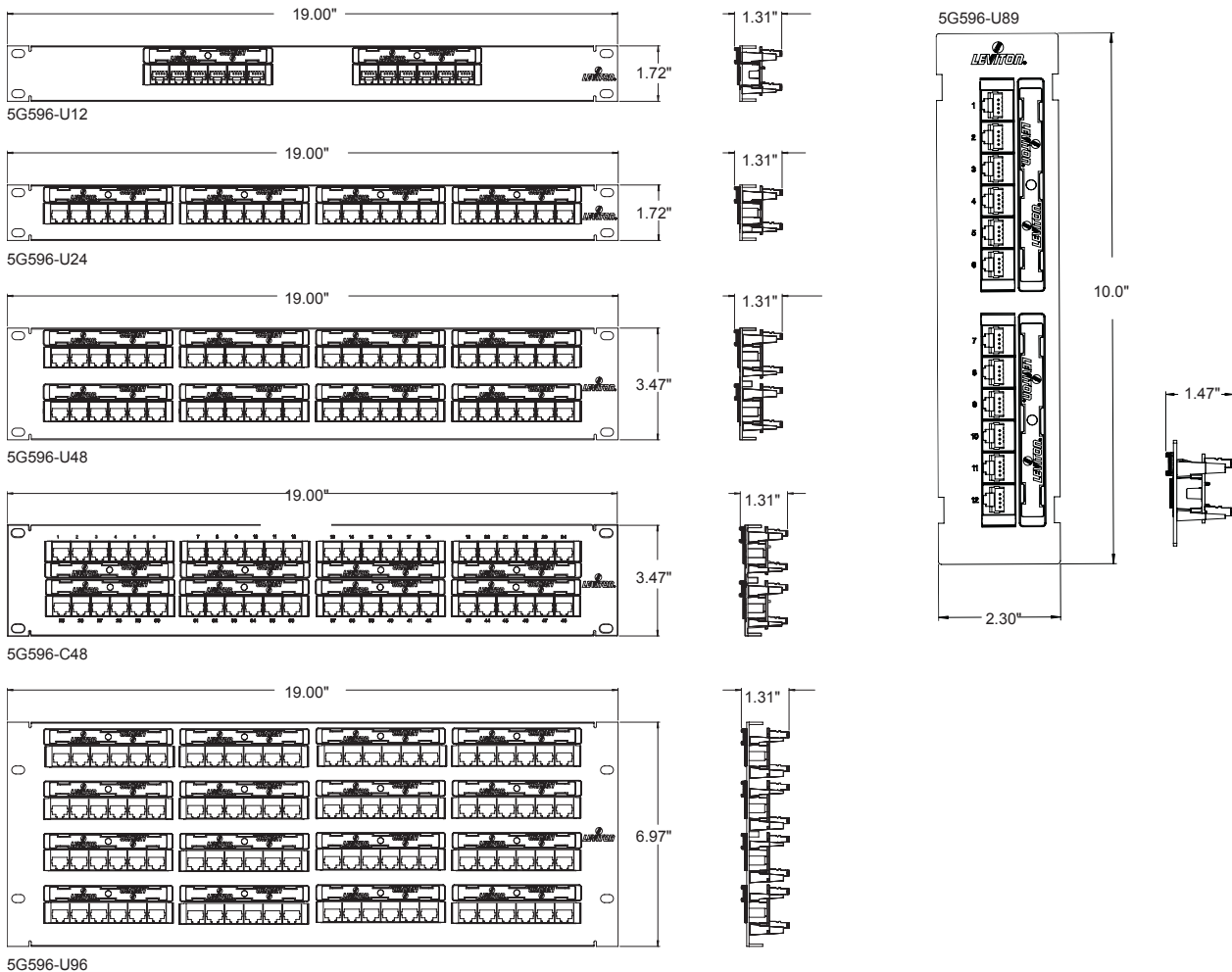|	
Dimensions:	See page two
Capacity:	12-, 24-, 48-, or 96-port
	12-port Patch Block
	U89 Universal
Materials:	14-gauge steel, painted black, PCB and plastic components are rated UL 94V-0

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

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ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

5G596-U12

5G596-U24

5G596-U48

5G596-C48

5G596-U96

5G596-U89

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PART NUMBERS

Description	Part No.
Cat 5e Flat 110-Style Patch Panel, 12-port, 1RU	5G596-U12
Cat 5e Flat 110-Style Patch Panel, 24-port, 1RU	5G596-U24
Cat 5e Flat 110-Style Patch Panel, 48-port , 2RU	5G596-U48
Cat 5e Flat 110-Style Patch Panel, 48-port, 2RU, Centralized Labeling	5G596-C48
Cat 5e Flat 110-Style Patch Panel, 96-port , 4RU	5G596-U96
Cat 5e Flat 110-Style Patch Block, 12-port	5G596-U89

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ISO 9001 REGISTERED Quality Manufacturer

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