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# V765

## Rack-mount Termination Panel

The V765 Termination Panel provides a convenient method for terminating module I/O signals.

Arranged for 19-inch rack mounting, the panel permits termination of up to 72 I/O terminations and occupies only 1U of rack height (4.45 cm, 1.75 in).



A termination panel with BNC terminations

### APPLICATIONS

Field wiring terminations
Module I/O termination
General-purpose patch panel

### FEATURES

- Up to 72 I/O terminations with 19” rack mounting
- Dependable cage clamp connections to field wiring
- Test points available on each terminal
- Improved CMRR option available for use in high-noise environments


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## GENERAL DESCRIPTION

The V765 Termination Panel provides a convenient method for terminating module I/O signals. Arranged for 19-inch rack mounting, the panel permits termination of up to 72 I/O terminations and occupies only 1U of rack height (4.45 cm, 1.75 in).

The V765-ZA11 uses 72 LMI steel cage clamp terminals to receive field wiring. Each terminal accepts a single solid or stranded conductor in wire sizes AWG 22 to AWG 14. The rear panel has two 50P Amphenol Ribbon connectors, one 50S High Density connector and one 68S High Density connector for a wide variety of system solutions.

The V765-ZB11 is a 24-channel isothermal panel which includes a trifilar-wound transformer and associated network for each input channel. This option was developed for applications that require microvolt-level accuracy in the presence of high-frequency noise. When used with the V243 Low-level Multiplexer module, the V765-ZB11 provides excellent common-mode rejection from dc to 20 MHz. This is particularly important, since high-frequency common-mode voltages can produce significant dc-offset errors when acquiring low-level signals. The 5868-Dxyz cable should be used to connect this panel option to a V243.

## RELATED PRODUCTS

| | |
|---|---|
| Model 5819-Exyz | Cable—50P High Density to 50P High Density |
| Model 5819-Fxyz | Cable—50P High Density to 50S High Density |
| Model 5855-Bxyz | Cable—50S Amphenol Ribbon to 36P AMP Rectangular (up to 2) |
| Model 5855-Gxyz | Cable—36P AMP Rectangular to 50S Amphenol Ribbon for V408 (up to 2) |
| Model 5868-Cxyz | Cable—68P High Density to 68P High Density |
| Model 5868-Dxyz | Cable—68P High Density to 68S High Density |
| Model 5868-Fxyz | Cable—68P/68S High Density for V246 to V765 |



## ORDERING INFORMATION

| MODEL | DESCRIPTION |
|---|---|
| V765-ZA11 | Rack-mount Termination Panel |
| V765-ZB11 | Rack-mount Termination Panel with Improved CMRR (for use with V243) |

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