

RACKS

16 Channel



FEATURES

- For use with System 50 Style Controllers
- Available for Standard, Miniature, G5 and OpenLine® Modules
- Panel and DIN Rail Mount Versions
- UL, CSA Certified

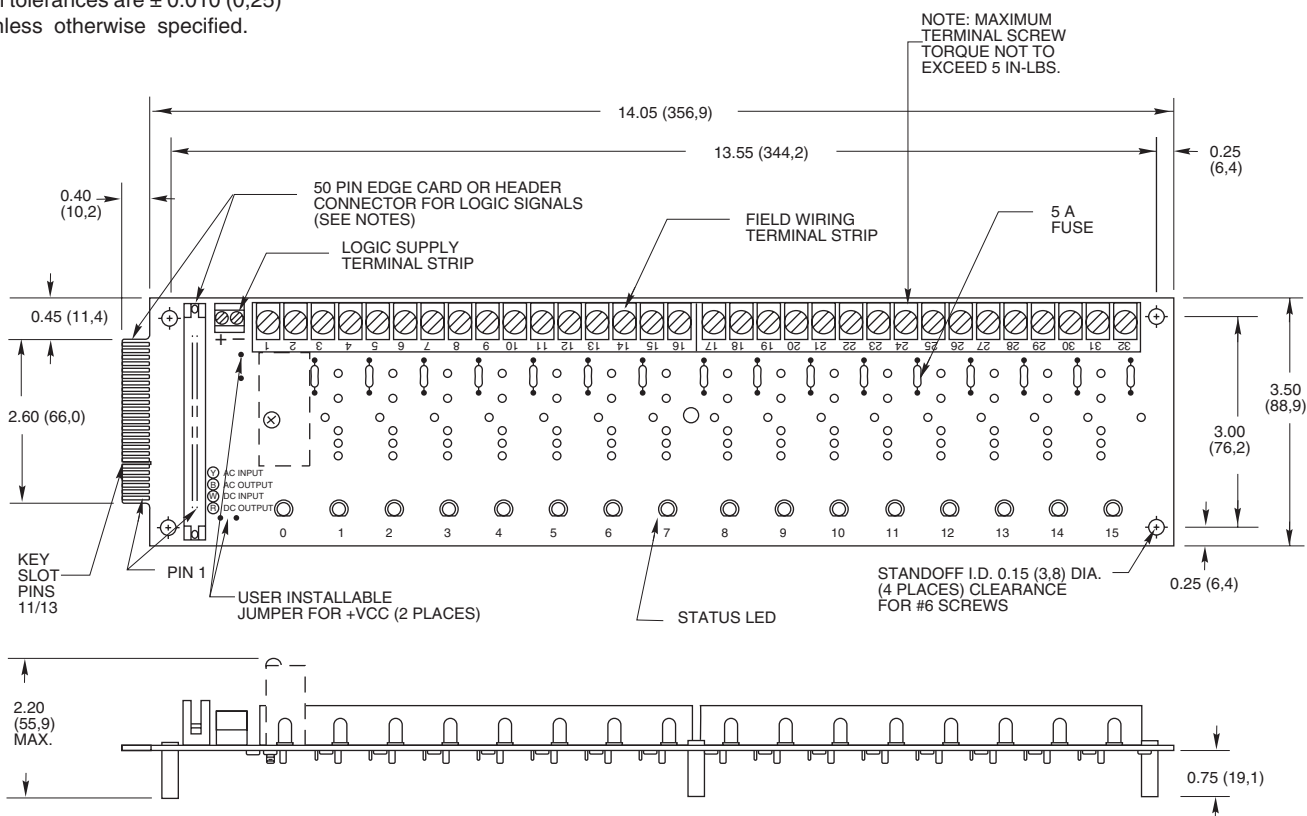


16 CHANNEL RACK: Standard

Part No. 70RCK16

Dimensions are shown in inches (and millimeters).

All tolerances are ± 0.010 (0,25) unless otherwise specified.

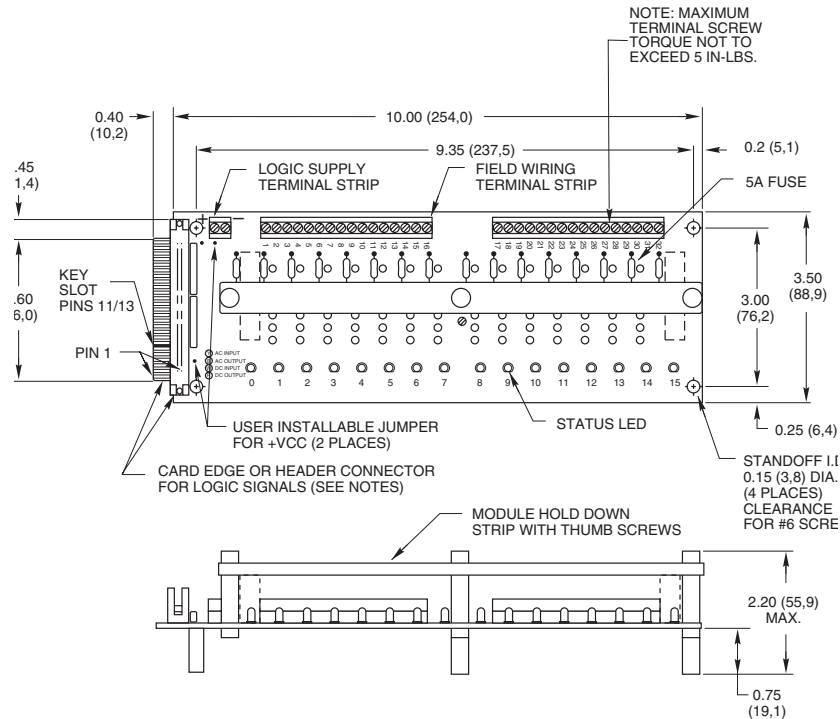


16 CHANNEL RACK: Miniature

Part No. 70MRCK16

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.

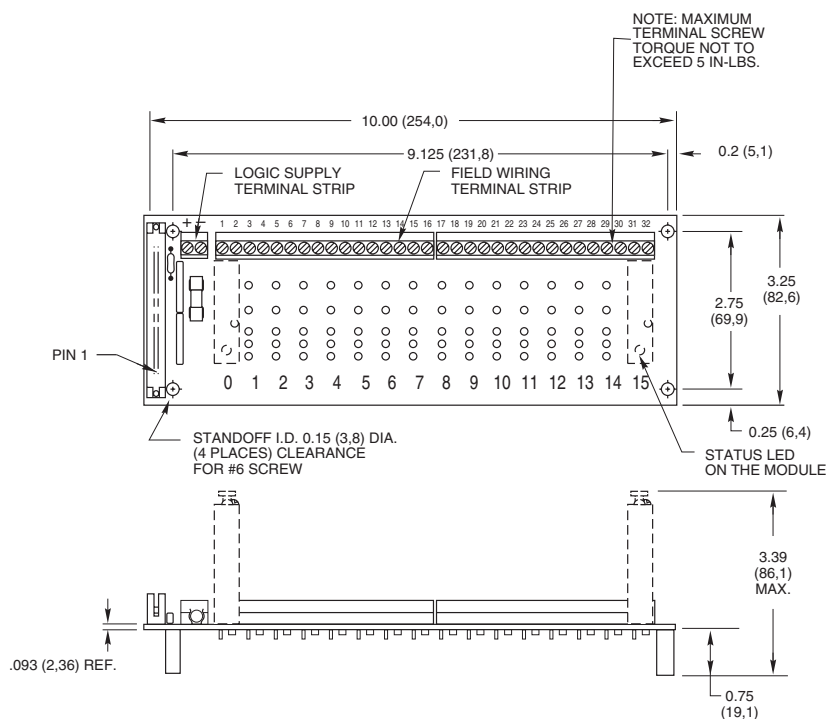


16 CHANNEL RACK: G5

Part No. 70GRCK16

Dimensions are shown in inches
(and millimeters).

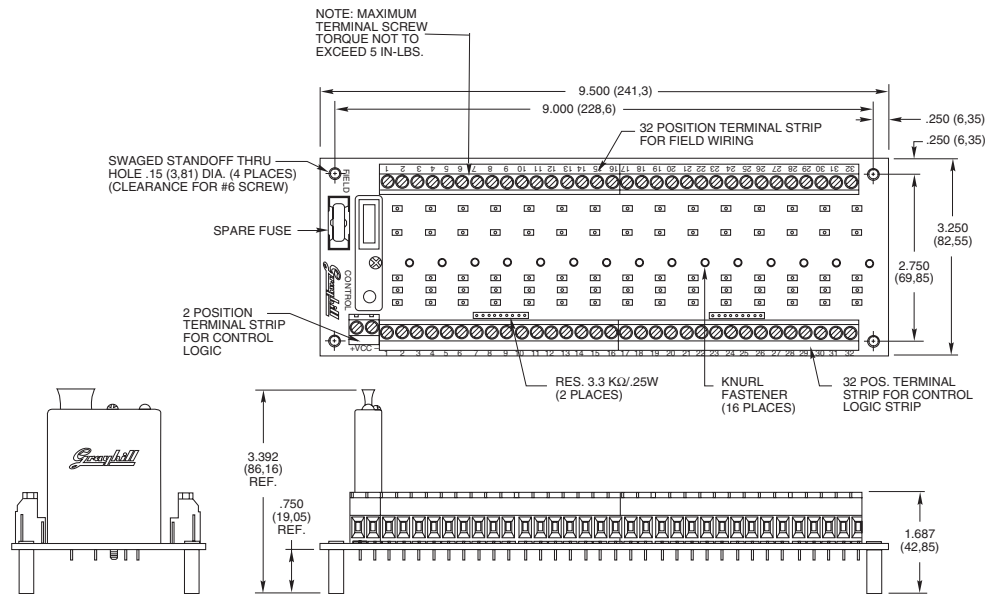
All tolerances are ± 0.010 (0,25)
unless otherwise specified.



16 CHANNEL RACK: G5 Control and Field Connection Terminal Blocks

Part No. 70GRCK16T

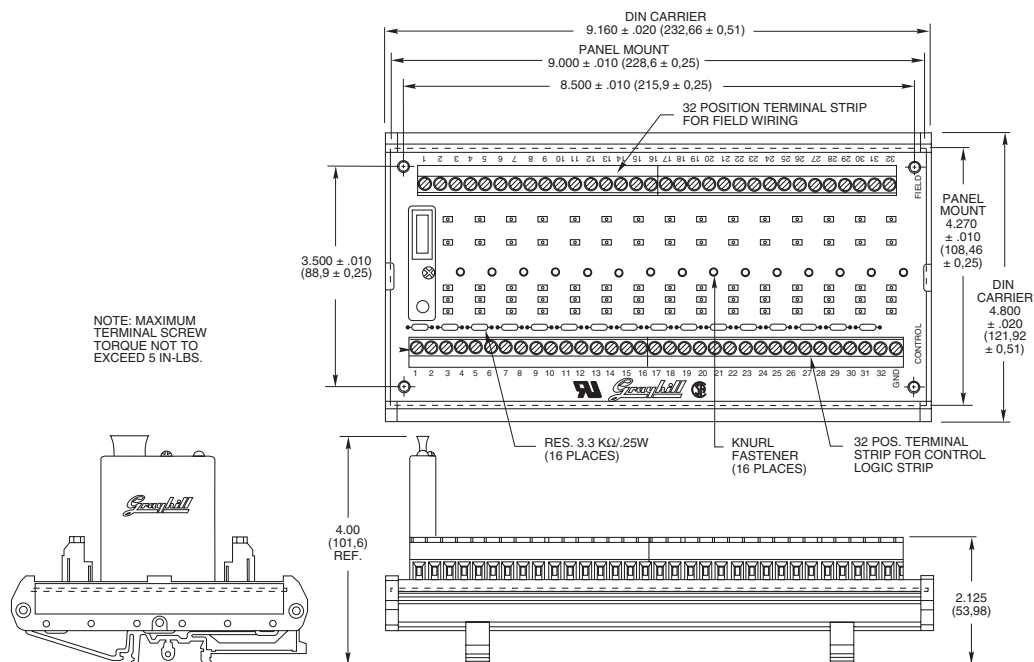
Dimensions are shown in inches
(and millimeters).
All tolerances are ± 0.010 (0,25)
unless otherwise specified.



16 CHANNEL RACK: G5 Channel-to-Channel Isolation

Part No. 70GRCK16I and 70GRCK16I-DIN

Dimensions are shown in inches
(and millimeters).
All tolerances are ± 0.010 (0,25)
unless otherwise specified.

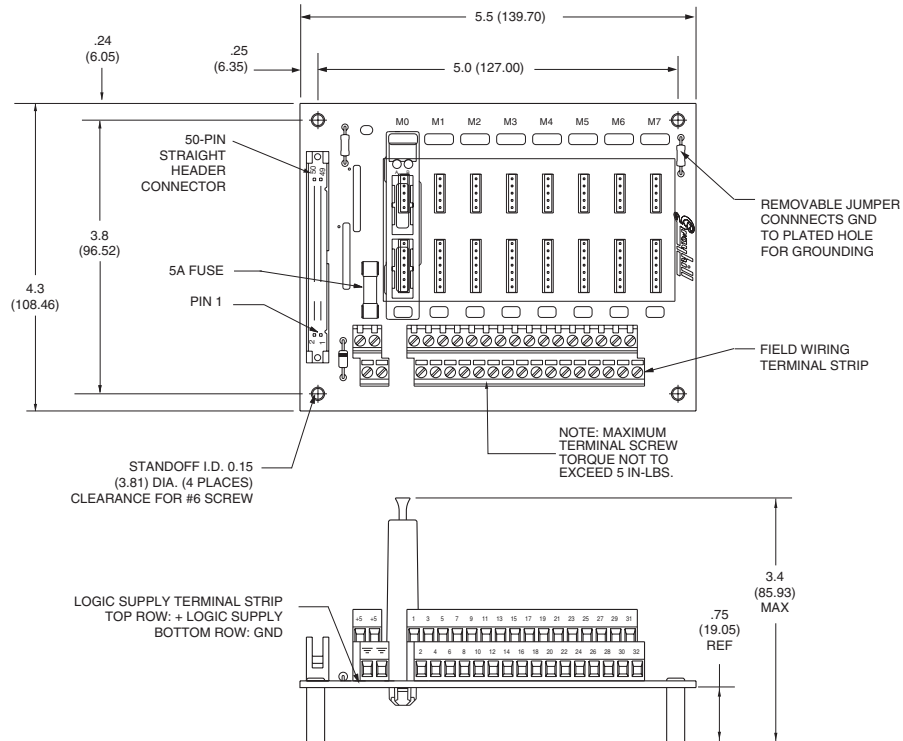


16 CHANNEL RACK: OpenLine® for System 50

Part No. 70LRCK16-HL

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.

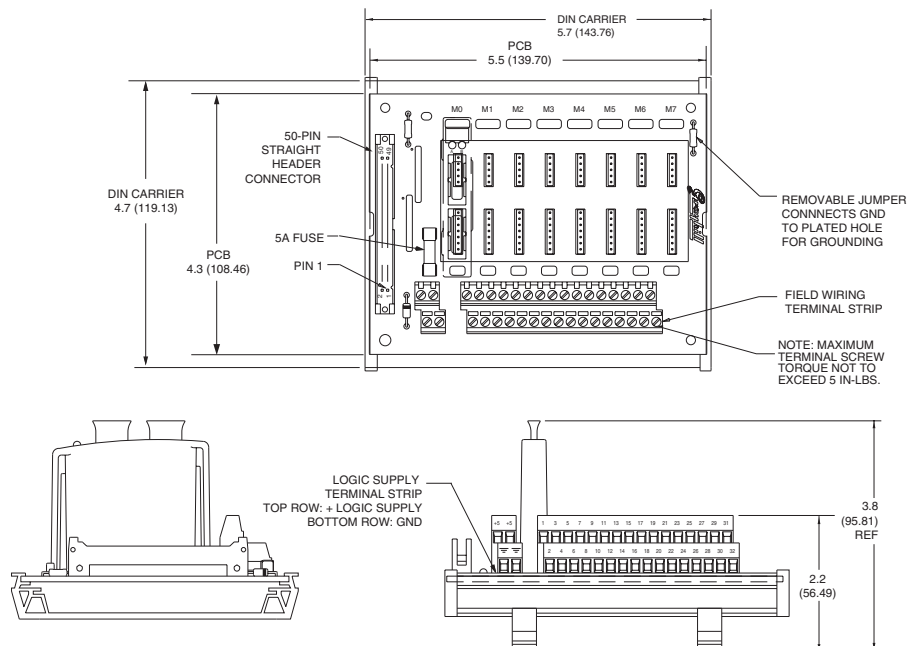


16 CHANNEL RACK: OpenLine® w/ DIN Rail Mount for System 50

Part No. 70LRCK16-DIN

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.



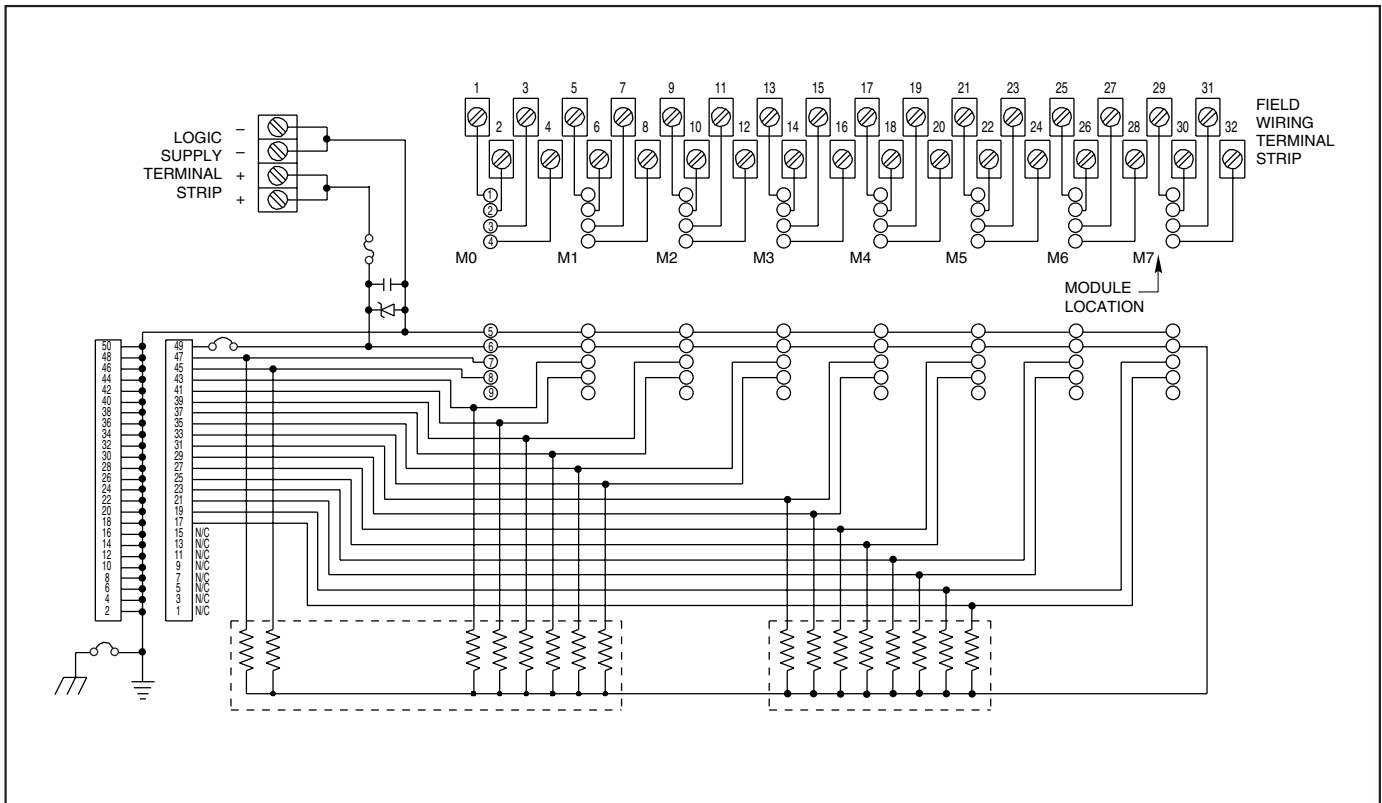
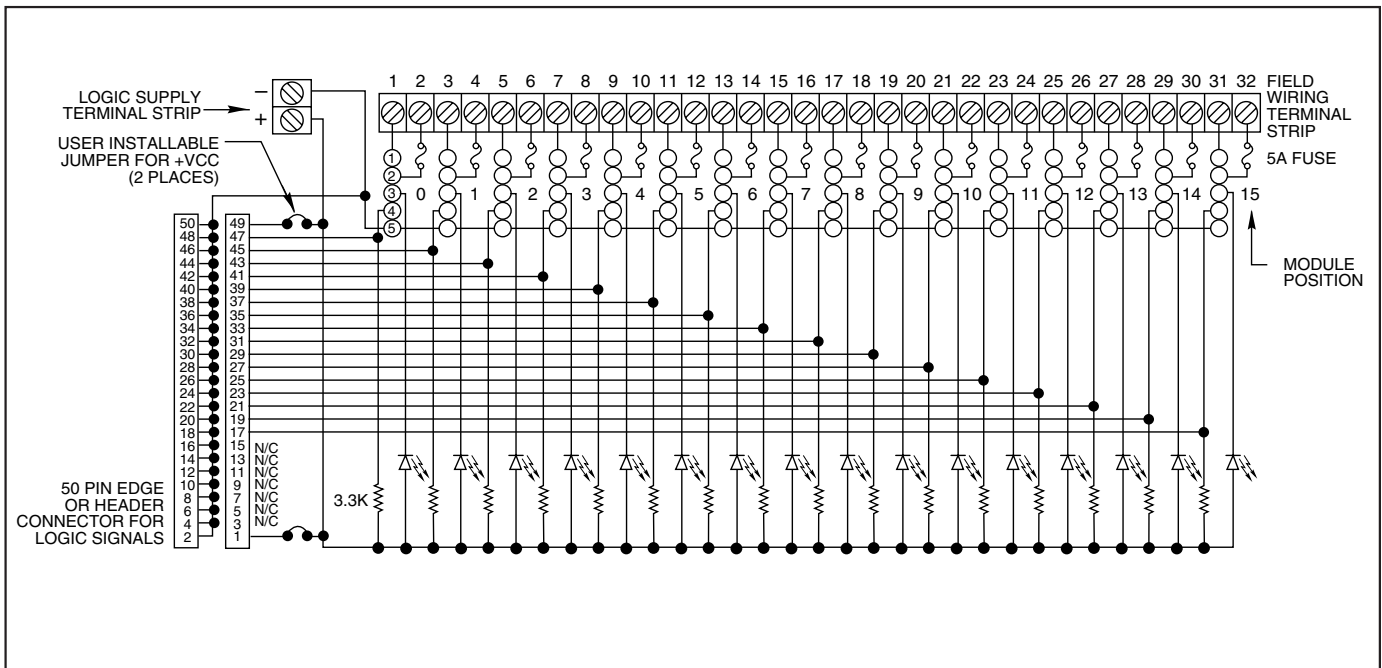
The diagram shows the logic supply terminal strip and the 50-pin header connector for logic signals. The logic supply terminal strip is a 32-pin strip with pins numbered 1 to 32. It is connected to a 1 A fuse and a logic supply terminal strip. A user-installable jumper for +VCC is shown. The 50-pin header connector for logic signals is a 50-pin strip with pins numbered 1 to 50. It is connected to the logic supply terminal strip and the logic supply terminal strip. The diagram also shows a 3.3K resistor connected to the logic supply terminal strip.

Diagram of the 16-pin connector for the 68000 module. The diagram shows a 16-pin connector with pins numbered 1 to 16. Pins 1 through 15 are labeled 'MODULE LOCATION' and are connected to a 'SUPPLY STRIP FOR FIELD WIRING OF MODULE'. Pins 16 and 17 are labeled 'CONTROL SUPPLY STRIP' and are connected to a 'PULL-UP RESISTOR 5.5 KΩ'. The diagram also shows a 'VCC' pin and a 'GND' pin.

Diagram illustrating the wiring for a 32-channel module. The module is shown with 32 channels, numbered 1 to 32. The wiring is connected to a BARRIER STRIP FOR FIELD WIRING OF MODULE (top) and a CONTROL BARRIER STRIP (bottom). The module location is indicated by an arrow.

The wiring connections are as follows:

- Channel 1:** Pull-up resistor (3.3 KΩ) connected to +VCC. Logic input connected to the BARRIER STRIP. Logic output connected to the CONTROL BARRIER STRIP.
- Channels 2-32:** Similar wiring pattern, with pull-up resistors connected to +VCC and logic inputs connected to the BARRIER STRIP. Logic outputs are connected to the CONTROL BARRIER STRIP.
- Channel 33:** GND connection.

SCHEMATIC: Part No. 70LRCK16-HL, -DIN

SCHEMATIC: Part Nos. 70RCK16 and 70MRCK16


ORDERING INFORMATION (modules ordered separately)

Part Number	I/O	Description	UL	CSA	Style
70RCK16	16	Card edge	X	X	Standard
70RCK16-HL	16	50-pin header with ejector levers	X	X	Standard
70MRCK16-EC	16	Card edge	X	X	Mini
70MRCK16-HL	16	50-pin header with ejector levers	X	X	Mini
70GRCK16-HL	16	50-pin header with ejector levers	X	X	G5
70LRCK16-HL	16	50-pin header with ejector levers	X	X	OpenLine®
70LRCK16-DIN	16	50-pin header with DIN rail mnt.	X	X	OpenLine®
70GRCK16I	16	Positive or negative true logic* —Panel Mount	X	X	G5
70GRCK16I-DIN	16	Positive or negative true logic* —DIN rail mount	X	X	G5
70GRCK16T	16	Negative true logic*—Panel Mount	X	X	G5

Available from your local Grayhill Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

* Positive true logic applies to output modules only.