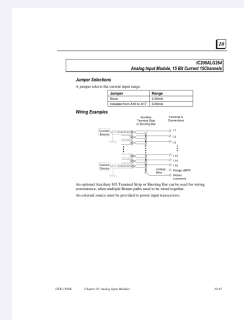


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC200ALG264

Analog Current Input Module



PRODUCT	IC200ALG264
FAMILY	VersaMax
FUNCTION	Analog Current Input Module
SOURCE	GE Fanuc GFK-1504K, IC200ALG264, chapter 10

01 OFFICIAL MOUNTING AND WIRING

- Match the carrier terminal assignments to the fifteen input channels and isolated auxiliary supply connections.
- Install each channel jumper for the required 0 to 20 mA or 4 to 20 mA range using the manufacturer wiring examples.
- Connect shields and commons according to the selected carrier arrangement, then verify channel configuration and the applied current signals.

AMIKON PRODUCT SUPPORT

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IC200ALG264

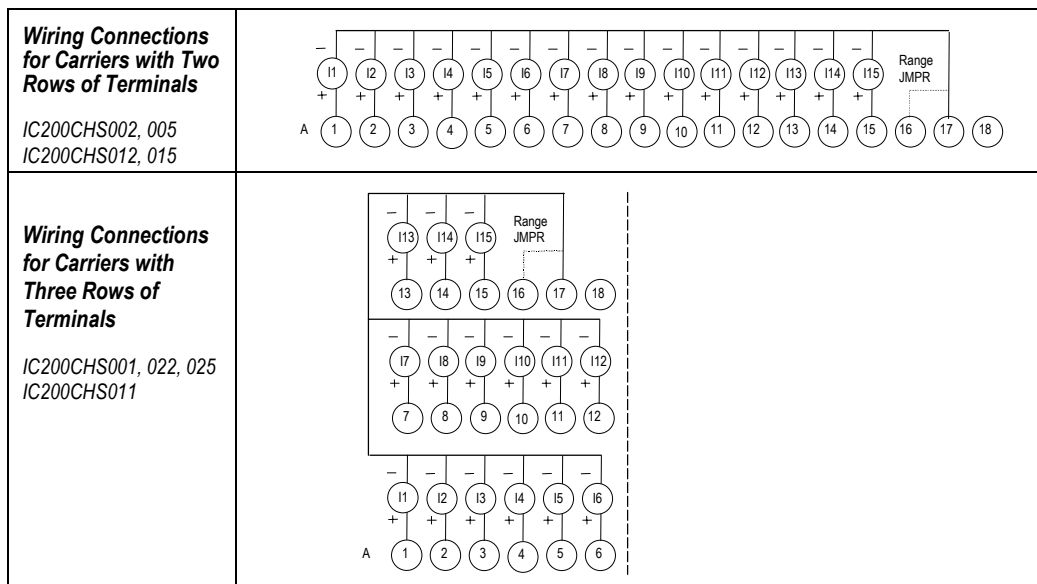
Analog Input Module, 15 Bit Current 15 Channels

Field Wiring

Terminal assignments for the module are shown below.

Number	Connection	Number	Connection
A1	I1	B1	No connection
A2	I2	B2	No connection
A3	I3	B3	No connection
A4	I4	B4	No connection
A5	I5	B5	No connection
A6	I6	B6	No connection
A7	I7	B7	No connection
A8	I8	B8	No connection
A9	I9	B9	No connection
A10	I10	B10	No connection
A11	I11	B11	No connection
A12	I12	B12	No connection
A13	I13	B13	No connection
A14	I14	B14	No connection
A15	I15	B15	No connection
A16	Range JMPR	B16	No connection
A17	Return (common)	B17	No connection
A18	NC	B18	No connection

Note: All inputs are single-ended, and share a common return.



IC200ALG264

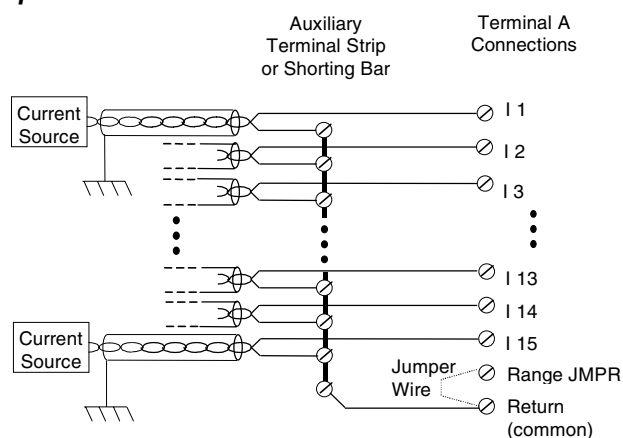
Analog Input Module, 15 Bit Current 15Channels

Jumper Selections

A jumper selects the current input range.

Jumper	Range
None	4-20mA
Installed from A16 to A17	0-20mA

Wiring Examples



An optional Auxiliary I/O Terminal Strip or Shorting Bar can be used for wiring convenience, when multiple Return paths need to be wired together.

An external source must be provided to power input transceivers.

IC200ALG264
Analog Input Module, 15 Bit Current 15 Channels**Cable Shield Connections**

If possible, the cable should be grounded at the source device. If that is not possible, the cable shield must be grounded at the source device. If that is not possible, the cable shield must be grounded at the I/O module. This can be done using an Auxiliary I/O Terminal (IC200TBM001, 002, or 005).

If the module is installed on a Terminal-style I/O Carrier (IC200CHS001, 002, or 005), shield connections can be made on an Auxiliary I/O Terminal that is attached to the I/O carrier.

If the module is installed on a Compact Terminal-style I/O Carrier (IC200CHS022, 025), shield connections can be made on an Auxiliary I/O Terminal that is mounted near the I/O carrier. Be sure to ground the Auxiliary I/O Terminal Strip if you plan to use it for this purpose.

If the module is installed on a Connector-style I/O Carrier (IC200CHS003), the cable shield can be connected directly to an Interposing Terminal (IC200CHS011, 012, 015). Be sure to ground the Interposing Terminal. It is recommended to use a shielded interposing cable as well between the Interposing Terminal and the Connector Base. A custom shielded cable can be made using the Connector kit (IC200ACC302). In addition, a custom shield braid can be wrapped around standard Interposing Cables (IC200CBL105, 110, 120, 230). If this approach is used be sure to ground the braid.