MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE

IC200CHS022J

COMPACT BOX-STYLE I/O CARRIER

Used with the applicable GE VersaMax configuration.

REFERENCE PACKAGE

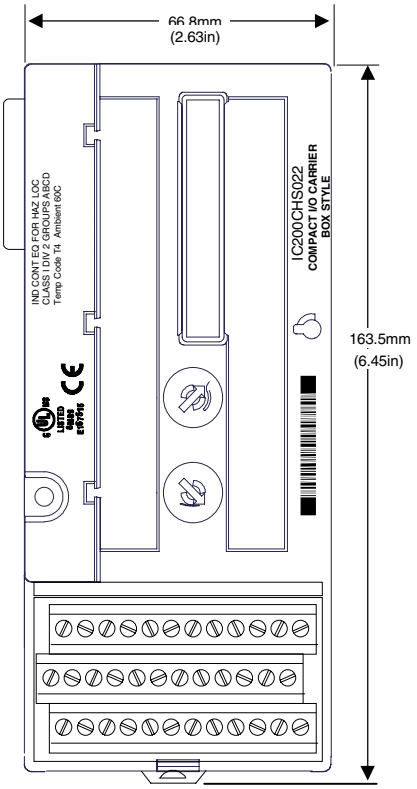
OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

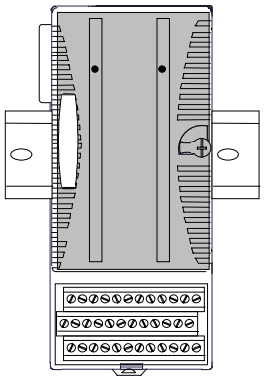
Source: GE Fanuc VersaMax Modules, Power Supplies, and Carriers User Manual, GFK-1504K

IC200CHS022
Compact Box-Style I/O Carrier

The Compact Box-Style I/O Carrier (IC200CHS022) has 36 IEC box-style terminals. It provides mounting, backplane communications, and field wiring for one I/O module.



The I/O module mounts vertically (perpendicular to the DIN rail) on this carrier.



IC200CHS022
Compact Box-Style I/O Carrier

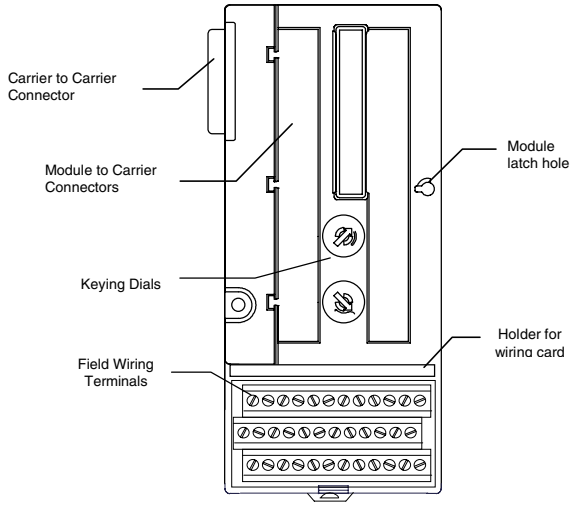
Din Rail Mounting

The I/O carrier snaps easily onto a 7.5mm X 35mm DIN rail. The DIN rail must be electrically grounded to provide EMC protection. The rail must have a conductive (unpainted) corrosion-resistant finish.

For applications requiring maximum resistance to mechanical vibration and shock, the carrier must also be panel-mounted. See chapter 2 for installation instructions.

Features

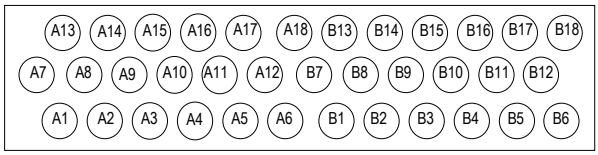
- The Compact Box-Style I/O carrier supports wiring for up to 32 I/O points and 4 common/power connections.
- Easily-set keying dials to assure installation of the correct type of module on the carrier. Keys are set to match the keying on the bottom of the module. A complete list of module keying assignments is included in appendix D.
- Carrier-to-carrier mating connectors for quick installation of the backplane connection with no additional cables or tools needed.
- Module latch hole for securely fastening the module to the carrier.
- A printed wiring card provided with each I/O module can be folded and inserted in the built-in card holder.



IC200CHS022
Compact Box-Style I/O Carrier

Field Wiring Terminals

Each terminal accommodates one solid or stranded AWG #14 (avg. 2.1mm^2 cross section) to AWG #22 (avg. 0.36mm^2 cross section) wire, or two wires up to AWG #18 (avg. 0.86mm^2 cross section).



The carrier accommodates current levels up to 2 Amps per point or 8 Amps per each power and ground, and a voltage range of up to 264 VAC. Voltage transients up to 300 VAC will not damage the carrier.

Wiring Card Holder

The Compact I/O Carrier has a built-in card holder that hinges down over the terminal wiring. The wiring card provided with the I/O module can be inserted in the holder. During system operation, the card holder should be in the retracted position.

