IC200CHS022
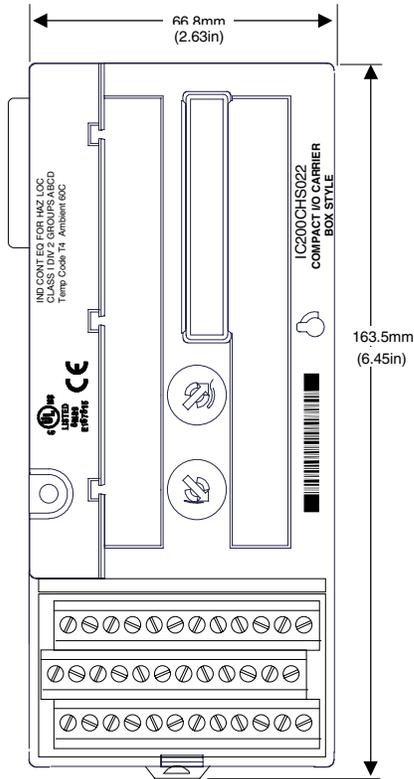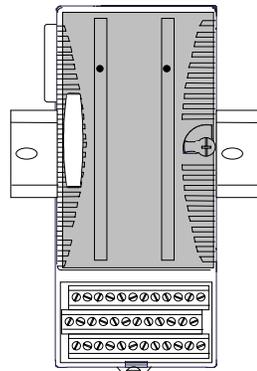### Compact Box-Style I/O Carrier

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.

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.

4

<hr>

<div style="border:1px solid black; padding:4px;">
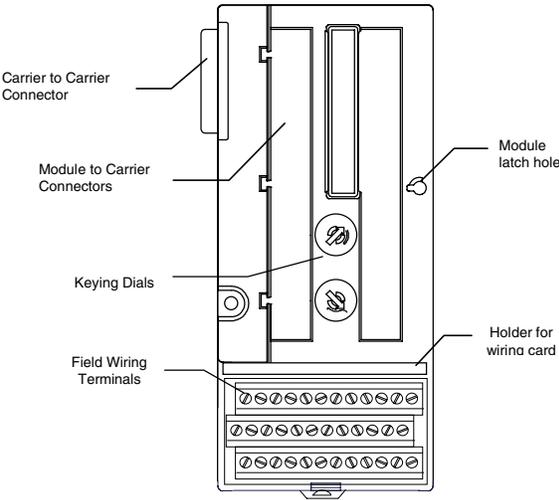
IC200CHS022
Compact Box-Style I/O Carrier

</div>

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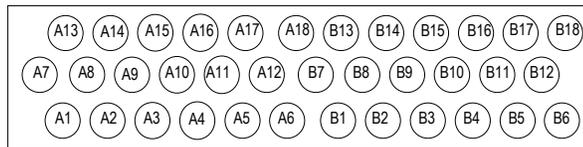
The carrier accommodates current levels up to 2 Amps per point or 8 Amps per each power and ground, and a voltage range of up to 264 VAC. Voltage transients up to 300 VAC will not damage the carrier.

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.

Wiring Card in Holder, Hinged Over Terminals

Card Holder Retracted