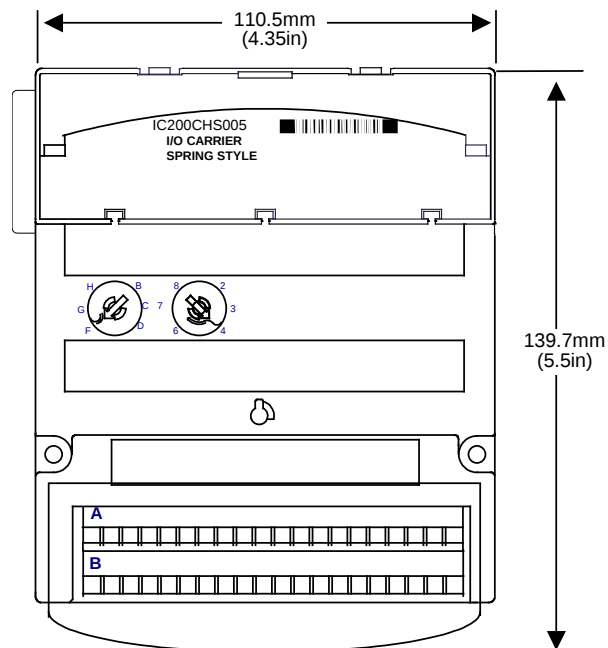
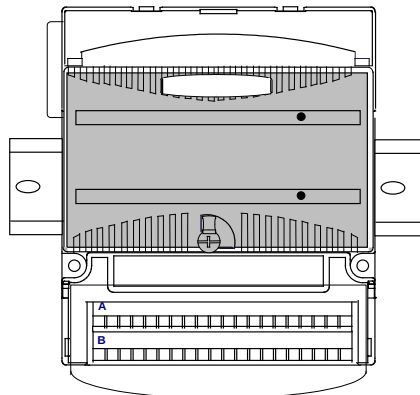


**IC200CHS005
Spring-Style I/O Carrier**

The Spring-Style I/O Carrier (IC200CHS005) has 36 spring-clamp style terminals for field wiring. It provides mounting, backplane communications, and field wiring for one I/O module.



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



IC200CHS005 Spring-Style I/O Carrier

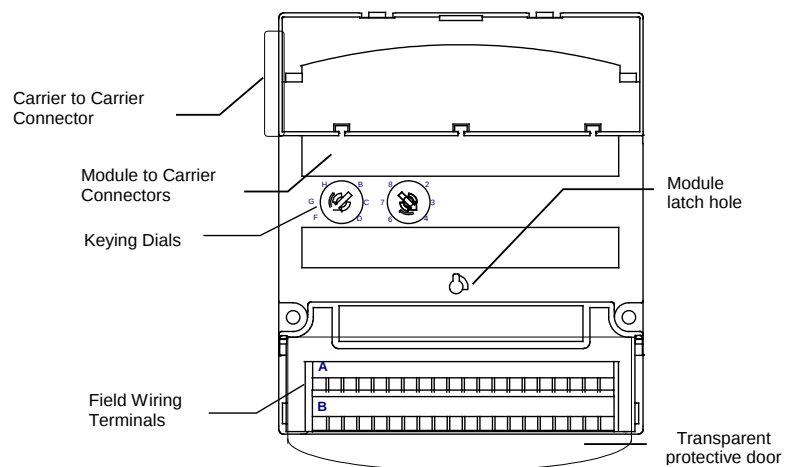
Din Rail Mounting

The carrier snaps easily onto a 7.5 mm x 35 mm 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. Refer to chapter 2 for installation instructions.

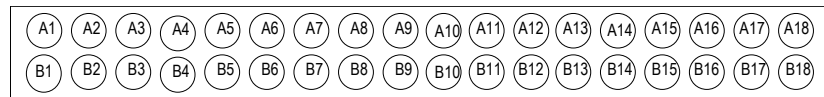
Features

- The Spring-Style I/O Carrier supports 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 can be set to match the keying on the bottom of the module. A complete list of module keying 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 clear protective hinged door covering the wiring terminals. The printed wiring card provided with each I/O module can be folded and inserted in this door.
- Notches on the lower edge for attaching an Auxiliary I/O Terminal Strip if extra bussed connection points are needed.



IC200CHS005
Spring-Style I/O Carrier**Field Wiring Terminals**

Each terminal accommodates one solid or stranded AWG #14 (avg. 2.1 mm² cross section) to AWG #22 (avg. 0.36 mm² cross section) wire, or two wires up to AWG #18 (avg. 0.86 mm² cross section).



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

One or more Auxiliary I/O Terminal Strips can be added to provide extra field wiring connections if needed. Auxiliary I/O Terminal Strips insert directly into the lower edge of the I/O Carrier.