GE Versamax Series Service Manual

IC200CHS102

1. Description

The GE Fanuc Versamax IC200CHS102 base is a disconnect-style interposing I/O terminal expansion base. The IC200CHS102 base is designed to provide a disconnection option for field devices connected to I/O modules.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200CHS102**
Product	**Type Disconnect-style interposing I/O terminals, expansion base**
Operating	**Temperature -40 to 60 degrees Celsius operating temperature**
Storage	**Temperature -40 to 85 degrees Celsius**
Relative	**Humidity 5 to 95%**
Enclosure	**Rating IP54**
Vibration	**Rating 1G at 57 Hertz to 150 Hertz**
Box-style	**Terminals 36**
The	**Versamax IC200CHS102 base is an expansion base for the disconnect-style interposing I/O terminals from GE Fanuc. While providing an interface between field wiring and connector-style I/O carriers, the IC200CHS102 base provides an integrated disconnect option for field devices that are connected to I/O modules which form part of the Versamax series of I/O modules. When the I/O module has B-type terminals, the IC200CHS102 base is required. On the other hand, when the I/O module has A-type terminals, then the main base, i.e. the IC200CHS101 base, is required. The IC200CHS102 base has 2 groups of terminals, which are Y1 to Y8 and Z1**

3. Product Information

The GE Fanuc Versamax IC200CHS102 base is a disconnect-style interposing I/O terminal expansion base. The IC200CHS102 base is designed to provide a disconnection option for field devices connected to I/O modules.

Technical specifications for IC200CHS102

Brand GE Fanuc

Series Versamax

Part Number IC200CHS102

Product Type Disconnect-style interposing I/O terminals, expansion base

Operating Temperature -40 to 60 degrees Celsius operating temperature

Storage Temperature -40 to 85 degrees Celsius

Relative Humidity 5 to 95%

Enclosure Rating IP54

Vibration Rating 1G at 57 Hertz to 150 Hertz

Box-style Terminals 36

The Versamax IC200CHS102 base is an expansion base for the disconnect-style interposing I/O terminals from GE Fanuc. While providing an interface between field wiring and connector-style I/O carriers, the IC200CHS102 base provides an integrated disconnect option for field devices that are connected to I/O modules which form part of the Versamax series of I/O modules. When the I/O module has B-type terminals, the IC200CHS102 base is required. On the other hand, when the I/O module has A-type terminals, then the main base, i.e. the IC200CHS101 base, is required. The IC200CHS102 base has 2 groups of terminals, which are Y1 to Y8 and Z1 to Z8, which are provided for connecting 2-wire devices. Every group of ancillary terminals has a particular terminal to jumper the group to the suitable Versamax terminal. Groupings on the I/O module determine the installation of these jumpers.

The GE Fanuc IC200CHS102 base includes a J2 connector which is provided for attaching a ribbon cable to the expansion connector on the IC200CHS101 base and it also has 36 box-style terminals provided for connecting to power inputs and to field I/O wiring. The IC200CHS102 base comes with a ribbon cable for connecting to the IC200CHS101 base. The environmental specifications for the IC200CHS102 base include a -40 to 60 degrees Celsius operating temperature range, a -40 to 85 degrees Celsius storage/transportation temperature range, and a 5 to 95% non-condensing relative humidity level. GE Fanuc recommends the use of an IP 54 rated steel enclosure for protection from splashing water and dust. The vibration rating for the IC200CHS102 base is 1 G at 57 Hertz to 150 Hertz with 0.012 inches peak-to-peak displacement at 10 to 57 Hertz.