GE Versamax Series Service Manual

IC200CHS112

1. Description

The GE Fanuc Versamax IC200CHS112 base is a relay-style interposing I/O terminals expansion base. The IC200CHS112 base is compatible with the IC200MDL750 module.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200CHS112**
Product	**Type Relay-style interposing I/O terminals, expansion base**
Compatibility	**IC200MDL750**
Box-Style	**Terminals 50**
Relay	**Poles 1**
Relay	**Minimum Load 100 milliamps at 5 Volts DC**
Relay	**Power 24 Volts DC (external)**
Relay	**Switching Current 8 Amps**
Relay	**Carry Current 8 Amps**
The	**Versamax IC200CHS112 base is a relay-style interposing I/O terminal expansion base from GE Fanuc. Relays used on the IC200CHS112 base have the following characteristics: a maximum of 30 milliohms of contact resistance, a maximum of 15 milliseconds of set time, a release time of a maximum of 5 milliseconds on DC voltage and of a maximum of 10 milliseconds on AC voltage, maximum mechanical operating frequency of 18000 operations per hour, and a maximum electrical operating frequency of 1800 operations per hour, 1000 Megaohms of insulation resistance, a minimum mechanical life expectancy of 20 million operations, and a minimum electrical life expectance of 100,000 o**

3. Product Information

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Technical specifications for IC200CHS112

Brand GE Fanuc

Series Versamax

Part Number IC200CHS112

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

Compatibility IC200MDL750

Box-Style Terminals 50

Relay Poles 1

Relay Minimum Load 100 milliamps at 5 Volts DC

Relay Power 24 Volts DC (external)

Relay Switching Current 8 Amps

Relay Carry Current 8 Amps

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The relays on the IC200CHS112 base are single-pole devices with a minimum load rating of 100 milliamps at 5 Volts DC, a maximum of 120 Watts and 1500 VA switching power for inductive loads, a maximum 240 Watts and 2000 VA of switching power for resistive loads, and a maximum of 8 Amps of switching current and 8 Amps of carry current. The power for the relay coils on the IC200CHS112 base is supplied from an external power source rated at 24 Volts DC. Terminals number B17 and B18 on the IC200CHS112 base are for connections to this power supply. Relays on the IC200CHS112 base are controlled from Versamax output modules including the IC200MDL740 and IC200MDL750 modules. The IC200CHS112 base is designed to be used with points 17 to 32 of the 32-point IC200MDL750 module. There are 50 box-style terminals on the IC200CHS112 base for field I/O wiring and power connections. The IC200CHS112 base includes a ribbon cable for connecting to the main base.