GE Genius I-O Series Service Manual

IC660TSS100

1. Description

GENIUS Terminal Assembly for (TSS Only) TSS100 for IC660BBS100/101 IC66 IC660TS IC660TSS The IC660TSS100 terminal assembly is a GE Fanuc terminal assembly. The IC660TSS100 terminal assembly is compatible with the GE Fanuc I/O blocks that are known as the IC660BBS100 and 101 I/O blocks. Technical specifications for IC660TSS100

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660TSS100**
Product	**Type Terminal assembly**
Compatibility	**IC660BBS100/101**
Operating	**Temperature 32 to 140 degrees Fahrenheit**
Storage	**Temperature -40 to 212 degrees Fahrenheit**
Relative	**Humidity 5 to 95%**
Vibration	**5 to 10 Hertz**
Description	
The	**GE Fanuc IC660TSS100 terminal assembly is a terminal assembly for I/O blocks from GE Fanuc which have the catalog numbers IC660BBS100 or IC660BBS101. The IC660BBS100 I/O block is a 115 or 125 Volts DC isolated I/O block which reports failed switch diagnostics and the IC660BBS101 I/O block is a 115 to 125 Volts DC isolated I/O block which does not report failed switch diagnostics. The IC660BBS100 I/O block will also report failed switch diagnostics if the switch state of an output is not the same as the commanded state. The IC660BBS100 and the IC660BBS101 I/O blocks generate 8 Watts of heat in general, and they also generate 4.7 Watts of heat for each input circuit at a 100% duty cycle which is sinking 2 A**

3. Product Information

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If the GE Fanuc RX3i IC660TSS100 terminal assembly is used to replace an older version of the terminal assembly in an I/O block, then the electronics assembly will also need to be upgraded. This can be done by replacing the electronics assembly with versions like the IC660EBS101C electronics assembly or the IC660EBS100H electronics assembly or later. It can also be done by upgrading the electronics assembly firmware through one of the available upgrade kits. The environmental specifications for the IC660TSS100 terminal assembly include a -40 to 212 degrees Fahrenheit temperature range for storage and transport, a 32 to 140 degrees Fahrenheit temperature range for operation, and a 5 to 95% relative humidity range (non-condensing) for both operation and storage. The vibration rating is 5 to 10 Hertz with 0.2 inches displacement.