GE Genius I-O Series Service Manual

IC660TBA101

1. Description

GENIUS Terminal Assembly for (TBA Only) TBA101 for IC660BBA101 IC660T IC660TB IC660TBA The IC660TBA101 assembly is a terminal assembly manufactured by GE Fanuc. It monitors temperature inputs from temperature detectors. Technical specifications for IC660TBA101

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660TBA101**
Description	**Terminal Assembly**
Voltage	**115 Volts AC/125 Volts DC, 24/48 Volts DC**
Group	**to group isolation 300 Volts**
Temperature	**0-60 degrees Celsius**
Power	**supply drop out time 115 Volts AC**
Heat	**dissipation 7 watts**
Block	**update time 400/800/1600 ms**
Input	**circuit 6 Description**
The	**IC660TBA101 assembly is a terminal assembly for the GE IC660BBA101, IC660T, IC660TB, and IC660TBA devices. It has been designed and manufactured by GE Fanuc and it is part of an RTD block. These RTD blocks are equipped with 6 input circuits that are categorized into 3 groups. The isolation voltage between these groups is 300 Volts. The block has a voltage rating of 115 Volts AC/125 Volts DC or 24/48 Volts DC. The input information is linearized with respect to the selected RTD. The IC660TBA101 terminal assembly has different configurable options that include the input filter time, RTD resistance, alarm thresholds, and the linearization settings. The block**

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The GE Fanuc IC660TBA101 terminal assembly is advanced in terms of its features. It is accompanied by automatic diagnostics that can easily detect the operational and installation errors. It can easily carry out input short detection, fault detection, open-wire detection, low and high alarms, and over range and under range input detection functions. The drop-out time of the power supply for 115 Volts AC is 1 cycle whereas for 125 Volts DC, it is 10 milliseconds. The Genius I-O RTD blocks dissipate 7 Watts of heat with regular loads. The IC660TBA101 terminal assembly can be connected to a programming controller or a handheld monitor by using the monitoring port available on the top corner of the block. The frequency of the block updates in a time period of 400, 800, or 1600 milliseconds.