GE RX3i PacSystem Series Service Manual

IC694TBB132

1. Description

The IC694TBB032 is a High-Density, extended box-style terminal block that is part of the PACSystem RX3i PAC series formerly by GE Intelligent Platforms, now under Emerson Automation. This terminal block requires tightening torque of 7 lb-in and is designed to accommodate a wire size range of #14-26 AWG solid or stranded wire.

2. Specifications

Specification	Value
Brand	GE Fanuc
Series	PACSystem RX3i
Manufacturer	GE Fanuc
Manufacturer	GE Intelligent Platforms (GE IP); Emerson Automation (Current)
Part	Number IC694TBB132
Product	Description extended box style terminal block
Series	PACSystem RX3i
Description	Terminal block
No.	of terminal 36 terminal
Part	Number IC694TBB132
Terminals	32
Terminal	type Screw type terminals
Product	Description Extended Box style terminal block
Torque	7 pounds on an inch
Compatible	modules RX3i and equivalent Series 90-30 High-density I/O modules; Individually isolated, 16-channel modules
No.	of pins 36
Conductor	14-26 AWG
Torque	7 lb-in
Stripping	length 0.310 inches of 7.87 mm
Wire	Strip Length 0.310 inches (7.87 mm)
Wire	size #14-26 AWG (solid or stranded)
Wire	size #14-26 American Wire Gauge (AWG)
Dimensions	6 x 6 inches
Removable	Yes
Wire	type Solid or Stranded wire
Compatible	RX3i modules, I/O modules
Depth	same depth as other PACsystem Rx3i and Series 90-30 modules
Tightening	Torque 7 lb-inch
Mounting	Chassis
Re	

3. Product Information

The IC694TBB032 is a High-Density, extended box-style terminal block that is part of the PACSystem RX3i PAC series formerly by GE Intelligent Platforms, now under Emerson Automation. This terminal block requires tightening torque of 7 lb-in and is designed to accommodate a wire size range of #14-26 AWG solid or stranded wire.

Technical specifications for IC694TBB132

Brand GE Fanuc

Series PACSystem RX3i

Manufacturer GE Fanuc

Manufacturer GE Intelligent Platforms (GE IP); Emerson Automation (Current)

Part Number IC694TBB132

Product Description extended box style terminal block

Series PACSystem RX3i

Description Terminal block

No. of terminal 36 terminal

Part Number IC694TBB132

Terminals 32

Terminal type Screw type terminals

Product Description Extended Box style terminal block

Torque 7 pounds on an inch

Compatible modules RX3i and equivalent Series 90-30 High-density I/O modules; Individually isolated, 16-channel modules

No. of pins 36

Conductor 14-26 AWG

Torque 7 lb-in

Stripping length 0.310 inches of 7.87 mm

Wire Strip Length 0.310 inches (7.87 mm)

Wire size #14-26 AWG (solid or stranded)

Wire size #14-26 American Wire Gauge (AWG)

Dimensions 6 x 6 inches

Removable Yes

Wire type Solid or Stranded wire

Compatible RX3i modules, I/O modules

Depth same depth as other PACsystem Rx3i and Series 90-30 modules

Tightening Torque 7 lb-inch

Mounting Chassis

Removal detection Module based

Connection Type Screw type

No. of units per module One (1) per high-density module

Compatible I/O Modules PACSystem RX3i High-Density I/O Modules; Series 90-30 Equivalent modules

Product Lifecycle Active

PACSystem RX3i High-Density I/O Modules Series 90-30 Modules

Supported Removal and Insertion Under Power

Not supported Weight

0.35 lbs Product Lifecyle

The IC694TBB132 is a 36-pin, high-density extended box-style terminal block that is used with the 32 input I/O modules from the PACSystem RX3i Programmable Automation Controller (PAC) series as well as the equivalent Series 90-30 PLC platform. This terminal block is currently manufactured by Emerson Automation that is formerly manufactured by GE Intelligent Platforms (GE IP). The IC694TBB132 features a standard-depth output cover, measuring 23 mm or 0.9 inches. The terminals are designed to be terminated with a wire size range of #14-26 American Wire Gauge (AWG), solid or stranded copper wire. Strip wire ends with a length of 0.310 inches of 7.87 mm. The bottom of the terminal block is designed as a reference to the recommended wire strip length. The recommended tightening torque to be applied to each connection point is 7 lb-inch. To install the IC694TBB132 box style terminal block to its cover, align the top of the terminal block with the bottom of the cover. Inspect the notches and grooves in the cover and the terminal. These must align to ensure that the terminal block will perfectly snap to the module. Once aligned, slide the terminal block upward until a clicking sound is heard. If resistance is felt during the insertion, do not force the module instead, pull out and re-inspect the alignment and possible obstruction before retrying. Once installed with the cover, the assembly may now be attached to the main module. Align the assembly to the front panel ports of the module. Press the terminal assembly straight toward the module until seated. Open the front cover and push back the latch firmly to lock the assembly to its place.

The IC694TBB132 terminal block is a boxed style terminal block manufactured by GE Fanuc. The block supports high-density IO modules. It has 36-pins designed for termination of conductor size between 14-26 AWG. The IC694TBB132 terminal block is accompanied by a screw that is used for a firm connection. The terminal block is compact in size and it has dimensions of 6 inches in length and 6 inches in width. The IC694TBB132 terminal block has an outer cover that is 0.5 inches deeper than the inside. This design helps to accommodate wires with thicker insulation. The tightening torque of the terminal screw is 7 pounds on an inch. The IC694TBB132 terminal block uses the bottom section as a gauge for the wire strip. For isolation, the wire should be fully inserted into the terminal block. The terminal block is easy to install and replace when needed. The wire bundles in the module should be protected on the bottom section of the terminal block. When installing a new block, the top portion and the bottom of the cover should be aligned together, and the notches inside the block are exactly the same and provided with cover grooves. During the removal process, the latch should be pushed below until the block is released.