GE Series 90-30 Series Service Manual

IC693CBL327

1. Description

The IC693CBL327 is a quick-connect, I/O interface in right angle orientation. It has 24-pin connectors that are used in replacement to the IC693CBL315. This cable is typically used with the IC693CBL328 and has a length of 10 feet or 3 meters with flying leads on the other end for connection to user-supplied terminals.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Part	**Number IC693CBL327**
Manufacturer	**GE Fanuc (Former); Emerson Automation (Current)**
Series	**Series 90-30**
Series	**Series 90-30**
Connector	**Depth Rating 2 inches (51 millimeters)**
Part	**Number IC693CBL327**
Compatible	**Cable IC693CBL328 Cable**
Product	**Description High Density I/O cable**
Compatible	**PLCs IC694MDL752 and IC694MDL753**
No.	**of pins 24**
Purpose	**Connecting PLCs to field devices**
Individual	**wire size #24 AWG**
Current	**rating 1.2 Amperes**
Length	**10 feet (3 meters)**
PLC	**Side Connector 24-pin connector**
Connector	**Type Right-angle 24-pin D connector**
Field	**side connector Flying leads**
Shield	**Type Unshielded**
Connector	**orientation Right Angle**
Product	**Lifecycle Status* Discontinued/Obsolete**
Connector	**compatibility Fujitsu FCN-365S024-AU**
Cable	**Length 10 feet (3 meters)**
Connector	**clearance (Depth) 2.0”**
Replaced	**cable IC693CBL315**
Compatible	**I/O modules 32-pt, 16-pt I/O modules**
The	**IC693CBL327 is an input and output cable that is specially designed for use with high-density I/O modules of**

3. Product Information

The IC693CBL327 is a quick-connect, I/O interface in right angle orientation. It has 24-pin connectors that are used in replacement to the IC693CBL315. This cable is typically used with the IC693CBL328 and has a length of 10 feet or 3 meters with flying leads on the other end for connection to user-supplied terminals.

Technical specifications for IC693CBL327

Manufacturer GE Fanuc

Part Number IC693CBL327

Manufacturer GE Fanuc (Former); Emerson Automation (Current)

Series Series 90-30

Series Series 90-30

Connector Depth Rating 2 inches (51 millimeters)

Part Number IC693CBL327

Compatible Cable IC693CBL328 Cable

Product Description High Density I/O cable

Compatible PLCs IC694MDL752 and IC694MDL753

No. of pins 24

Purpose Connecting PLCs to field devices

Individual wire size #24 AWG

Current rating 1.2 Amperes

Length 10 feet (3 meters)

PLC Side Connector 24-pin connector

Connector Type Right-angle 24-pin D connector

Field side connector Flying leads

Shield Type Unshielded

Connector orientation Right Angle

Product Lifecycle Status* Discontinued/Obsolete

Connector compatibility Fujitsu FCN-365S024-AU

Cable Length 10 feet (3 meters)

Connector clearance (Depth) 2.0”

Replaced cable IC693CBL315

Compatible I/O modules 32-pt, 16-pt I/O modules

The IC693CBL327 is an input and output cable that is specially designed for use with high-density I/O modules of the Series 90-30 Programmable Logic Controller (PLC) platform. This cable is used with the IC693CBL328 and compatible for use with IC693MDL654, IC693MDL655, IC693MDL752, and IC693MDL753 modules. The IC693CBL327 s a 24 pin I/O cable, therefore, not sufficient to provide termination connections for 32-point modules. With this, the IC693CBL328 is paired to the IC693CBL327. The IC693CBL327 is installed on the left side connector while the IC693CBL328 is installed on the right side or simply, beside the IC693CBL327. The connector depth of both these I/O cables is the same which is 2.0 inches from the front panel of the host I/O module. The IC693CBL327 PLC side connector is a Fujitsu FCN-365S024-AU connector in right-angle orientation with a total length of 10 feet or 3 meters. The other end of this cable are flying leads or stripped wires which can be connected to user-supplied I/O terminals whether, PCB base or standard terminal block assembly. It may also be used with a 16-point I/O module that is installed with a TBQC I/O faceplate adapter. Each wire of the IC693CBL327 has a wire size of #24 AWG with an individual current rating of 1.2 Amperes. Signal wires come in twisted pairs and with color-coded installation for easy identification of wires. Wires are connected from end to end with pin 1 connected to wire 1. This cable replaces the IC693CBL315 I/O cable, with the IC693CBL327 providing more working space via the orientation of the cable PLC side connector.

The GE Fanuc IC693CBL327 cable is an accessory for the GE Fanuc Series 90-30 PLC modules. The GE Fanuc IC693CBL327 cable is designed to connect a PLC module to different field devices. This cable has a female mating connector on one of its ends and it has wires that are stripped and tinned on the other end. The GE Fanuc IC693CBL327 cable is prewired and it is available as part of a pair of cables such as the IC693CBL328 cable. This cable is an unshielded cable. It is 10 feet or 3 meters long and it has a 24-pin D connector on one end. This connector is a right-angle 24-pin D connector. The GE Fanuc IC693CBL327 cable is compatible with the GE Fanuc IC694MDL752 and IC694MDL753 and other modules. The connector depth rating for the GE Fanuc IC693CBL327 cable is 2 inches or 51 millimeters. This means that the cable will stick out by a length of 2 inches or 51 millimeters from the face of the GE Fanuc Series 90-30 PLC module that it is connected to. If the PLC module that the GE Fanuc IC693CBL327 cable is connected to is mounted inside a cabinet, make sure that the cabinet is deep enough to accommodate both the depth rating of the PLC module and the connector depth rating of the cable or the cabinet may not provide the PLC with sufficient protection, and the PLC and the cable may both suffer damage and the cable may become disconnected