GE Series 90-30 Series Service Manual

IC693CBL302

1. Description

The GE Fanuc IC693CBL302 I/O expansion cable comes with a length of 15 meters. It is meant to be used as the last cable of the link in a PLC system.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693CBL302**
Type	**Cable**
Purpose	**Bus expansion**
Structure	**Continuous shield**
Length	**15 m**
Compatibility	**CPUs, remote racks**
Feature	**Wye adapter**
Connector	**1st end Single male connector**
Connector	**2nd end Single male connector with terminated ends**
Resistors	**Yes, on the end connector**
Catalog	**Accessories**
Maximum	**number in a system Depending on the CPU**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693CBL302 cable is an I/O expansion cable that has been manufactured and its main purpose is to interconnect different baseplates and expansion ports in a Programmable Logic Controller or PLC system. This specific expansion cable has been included in Series 90-30 of the PLC components that are manufactured by the GE Fanuc company. This cable is meant to be used as the last cable of the link in the PLC system. This cable cannot be used as a Wye type of cable. The GE Fanuc IC693CBL302 I/O expansion cable comes with a length of 15 meters and it includes**

3. Product Information

The GE Fanuc IC693CBL302 I/O expansion cable comes with a length of 15 meters. It is meant to be used as the last cable of the link in a PLC system.

Technical specifications for IC693CBL302

Brand GE Fanuc

Series Series 90-30

Part Number IC693CBL302

Type Cable

Purpose Bus expansion

Structure Continuous shield

Length 15 m

Compatibility CPUs, remote racks

Feature Wye adapter

Connector 1st end Single male connector

Connector 2nd end Single male connector with terminated ends

Resistors Yes, on the end connector

Catalog Accessories

Maximum number in a system Depending on the CPU

Product Lifecycle Status* Discontinued/Obsolete

The IC693CBL302 cable is an I/O expansion cable that has been manufactured and its main purpose is to interconnect different baseplates and expansion ports in a Programmable Logic Controller or PLC system. This specific expansion cable has been included in Series 90-30 of the PLC components that are manufactured by the GE Fanuc company. This cable is meant to be used as the last cable of the link in the PLC system. This cable cannot be used as a Wye type of cable. The GE Fanuc IC693CBL302 I/O expansion cable comes with a length of 15 meters and it includes a single male connector that is meant to be attached to the CPU baseplate end and it also has a single terminated male connector in the expansion baseplate end.

The GE Fanuc IC693CBL302 I/O expansion cable is specially used to avoid having to use cables with different lengths to reach a baseplate at a specific distance. It is the maximum length allowed in the last expansion baseplate in a PLC. The total maximum cable length between the CPU baseplate and the last remote baseplate is 213 meters. If these distances are not calculated properly, there could be errors during operations, including failed or erratic signal delivery. The GE Fanuc IC693CBL302 I/O expansion cable has I/O bus terminating resistors built into the end connector. Depending on the CPU type, the cable amount can vary, CPUs with numbers from 350 to 374 ratings support a maximum of 7 different cables, and CPUs with numbers from 331 to 341 support a maximum of 4 expansion cables. When connecting or disconnecting these cables, power must not be applied to the system or it could cause irreversible damages in the system.