GE Series 90-30 Series Service Manual

IC693CBL303

1. Description

The GE Fanuc IC693CBL303 hand-held programmer cable can connect a hand-held programmer cable with the PLC and other equipment related to an application process.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693CBL303**
Type	**Cable**
Purpose	**HHP connection**
Connector	**type Canon DA15S with solder pot**
Connector	**1st end 15-pin male, D-Subminiature on both ends**
Connector	**2nd end 15-pin male, D-Subminiature on both ends**
Hood	**AMP 207470-1 connector shell**
Hardware	**kit AMP 207871-1 Kit includes 2 metric screws and 2 screw clips**
Cable	**Type Belden 9508**
AWG	**#24 (.22 mm2)**
Cable	**Length 6 feet (2 meters)**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693CBL303 cable is a hand-held programmer cable that has been included in Series 90-30 of the PLCs manufactured by GE Fanuc. This specific cable has been created to connect the Hand-Held Programmer (HHP) known as the GE IC693PRG300 hand-held programmer to serial connectors on a PLC power supply. This cable enables the HHP and the Programmable Logic Controller or PLC to communicate with each other and with different equipment related to the application process. This cable also provides power connections to th**

3. Product Information

The GE Fanuc IC693CBL303 hand-held programmer cable can connect a hand-held programmer cable with the PLC and other equipment related to an application process.

Technical specifications for IC693CBL303

Brand GE Fanuc

Series Series 90-30

Part Number IC693CBL303

Type Cable

Purpose HHP connection

Connector type Canon DA15S with solder pot

Connector 1st end 15-pin male, D-Subminiature on both ends

Connector 2nd end 15-pin male, D-Subminiature on both ends

Hood AMP 207470-1 connector shell

Hardware kit AMP 207871-1 Kit includes 2 metric screws and 2 screw clips

Cable Type Belden 9508

AWG #24 (.22 mm2)

Cable Length 6 feet (2 meters)

Product Lifecycle Status* Discontinued/Obsolete

The IC693CBL303 cable is a hand-held programmer cable that has been included in Series 90-30 of the PLCs manufactured by GE Fanuc. This specific cable has been created to connect the Hand-Held Programmer (HHP) known as the GE IC693PRG300 hand-held programmer to serial connectors on a PLC power supply. This cable enables the HHP and the Programmable Logic Controller or PLC to communicate with each other and with different equipment related to the application process. This cable also provides power connections to the HHP and a signal connection that indicates to the PLC that the HHP is properly connected to its serial port. The GE Fanuc IC693CBL303 hand-held programmer cable can also be used to connect the PLC RS-485 serial port to an RS-422/485 to RS-232 converter.

The GE Fanuc IC693CBL303 hand-held programmer cable comes with a Canon DA15S connector that consists of a 15-pin male, D-subminiature connector type with a connector shell. This cable has a length of 2 meters and the cable type is a Belden 9508 cable with a diameter of .22 millimeters square. If a different cable length is required, it can be built by combining different elements, although if the length is excessive, it could cause electrical noise and affect the signals. The GE Fanuc IC693CBL303 hand-held programmer cable's 15-pin connector has to be attached to the serial port connector on the PLC power supply. Then, the D connector on the other end of the cable has to be coupled to the HHP. To ensure proper operations, the length must be calculated properly between the length and the diameter of the cable to avoid electrical interference.