GE Fanuc Series One Integrator's Kit Selection Guide

Integrator's Kits are designed for users who require the capability to view, edit and monitor the execution of Series One and Series One Junior PLC programs. There are many ways in which these tasks can be accomplished, and choosing the right method for your hardware can often be confusing. To make things easier, we have developed kits that include all of the hardware, firmware, and software necessary to you get started. Please refer to the following descriptions and chart for a comparison of the features and capabilities of these Integrator's Kits

QIC610INTKIT:

Our most versatile Integrator's Kit, this package is built around the LogicMaster 1 programming software. It includes a licensed copy of LogicMaster 1 (IC641PBE324), one Data Communications Unit (IC610CCM105), one universal cable kit with RS-232/RS-422 converter, and a CD containing a complete set of manuals for the Series One product family.

The QIC610INTKIT is compatible with all Series One and Series One Junior PLCs with the exception of systems having an IC610CPU101 CPU module. Users with this CPU should consider the QS1PORTABLEKIT shown below.

In order to use this kit, you must have a personal computer running MS-DOS 4.0 or higher with a serial COM port that can be accessed from within the DOS operating system. LogicMaster 1 cannot be used to communicate with a PLC when it is run as a console application under Windows 98 and later.

QS1PORTABLEKIT:

This kit consists of a Portable Programmer unit (IC610PRG110), a Hand-held Programmer (IC610PRG105), a Series One Program Pack (IC610PRG116), and a CD containing a complete set of manuals for the Series One product family. Printer and audio cables are also included. The QS1PORTABLEKIT is designed for use with Series One PLCs; another version of this kit, called the QS1JRKIT, is available for use with Series One Junior products.

The Portable Programmer unit is a specialized ladder-logic programming device that is compatible with all versions of the Series One, Series One Junior, and Series Three PLCs. Its 5-line, dot-matrix LCD display, spill-proof membrane keypad and rugged, industrialized enclosure make the Portable Programmer ideal for use in the field. The included Hand-held Programmer allows program transfer between the Portable Programmer and a PLC using the built-in tape ports of the two programmers.

The QS1PORTABLEKIT is necessary when communicating with a Series One PLC having an IC610CPU101 CPU module, and may be desirable in certain situations where a personal computer cannot be used or where the programmer will be used to communicate with both Series One and Series Three CPUs in the same facility. Please note that communication with Series One Junior and Series Three CPUs requires additional Program Packs that are not included in this kit.

QS1JRKIT:

The QS1JRKIT is intended for use solely with Series One Junior PLCs. It is functionally identical to the QS1PORTABLEKIT described above, but substitutes a Series One Junior Program Pack (IC610PRG115) in place of the Series One Program Pack.

Series One Integrator's Kit Feature Comparison

	QIC610INTKIT	QS1PORTABLEKIT	QS1JRKIT
Features			
Create, view and edit ladder-logic programs	x	x	x
On-line monitoring of running program	x	o	o
Program transfer to and from PLC using serial interface	x	o	o
Program transfer to and from PLC using tape port (requires Hand-held Programmer)		x	x
Connect to PLC from personal computer	x		
Add labels and annotation to ladder-logic program	x		
Save program to diskette	x		
Print ladder-logic program without labels	x	x	x
Print complete ladder-logic program with annotation and I/O references	x		
Prerequisites			
Personal computer with serial port running MS-DOS 4.0 or higher	x		
CPU Compatibility			
IC610CPU101		x	N/A
IC610CPU104	x	x	N/A
IC610CPU105	x	x	N/A
IC610CPU106	x	x	N/A
IC610SJRXXX	x	N/A	x
(x) = Fully supported; (o) = Supported with optional cable			