

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE 90-30 SERIES PLC

IC693APU301P

AXIS POSITIONING MODULE

Used with the applicable Series 90-30 motion control configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

Series 90-30 Cable Cross-Reference		
Catalog No.	Description	Applications
IC693CBL305	Wye cable for splitting out two serial port connections from one module connector. (Use cable IC693CBL304 with the IC693PCM300 module.)	For use with the following modules: IC693PCM301 IC693PCM311 IC693CMM311 IC693ADC311 AD693CMM301 IC693SLP300
IC693CBL306	3' (1 meter) extension cable connects between the 50-pin connector on the module faceplate and the connector on the terminal block.	For High Density (32-point) I/O modules having a single 50-pin connector: IC693MDL652 IC693MDL653 IC693MDL750 IC693MDL751
IC693CBL307	6' (2 meter) extension cable connects between the 50-pin connector on the module faceplate and the connector on the terminal block.	For High Density (32-point) I/O modules having a single 50-pin connector: IC693MDL652 IC693MDL653 IC693MDL750 IC693MDL751
IC693CBL308	3' (1 meter) I/O cable connects to the 50-pin connector on the module faceplate. The other end has stripped, tinned, and labeled leads.	For High Density (32-point) I/O modules having a single 50-pin connector: IC693MDL652 IC693MDL653 IC693MDL750 IC693MDL751
IC693CBL309	6' (2 meter) I/O cable connects to the 50-pin connector on the module faceplate. The other end has stripped, tinned, and labeled leads.	For High Density (32-point) I/O modules having a single 50-pin connector: IC693MDL652 IC693MDL653 IC693MDL750 IC693MDL751
IC693CBL310 (Obsolete. Use IC693CBL327 and IC693CBL328)	10' (3 meter) I/O cable connects to one of the 24-pin connectors on the module. The other end has stripped, tinned, and labeled leads. Two cables are required per module.	For High Density (32-point) I/O modules having dual 24-pin connectors: IC693MDL654 IC693MDL655 IC693MDL752 IC693MDL753
IC693CBL311	10' (3 meter) APM I/O cable connects between one of the 24-pin connectors on the module and the connector on the terminal block. Two cables are required per module.	APM modules: IC693APU301 IC693APU302
IC693CBL312	0.5' (152 mm) I/O expansion cable interconnects baseplate expansion ports. This is a Wye type cable for daisy-chaining baseplates.	To interconnect CPU, expansion, and remote baseplates.
IC693CBL313	26' (8 meter) I/O expansion cable interconnects baseplate expansion ports. This is a Wye type cable for daisy-chaining baseplates.	To interconnect CPU, expansion, and remote baseplates.

Series 90-30 Cable Cross-Reference		
Catalog No.	Description	Applications
IC693CBL314 Note: This cable is identical to cable IC693CBL302	50' (15 meter) I/O expansion cable interconnects baseplate expansion ports. This is a special type with built-in termination resistors. It is not a Wye type cable – it is for use as the last cable on the link.	To interconnect CPU, expansion, and remote baseplates.
IC693CBL315 (Obsolete. Use IC693CBL327 and IC693CBL328)	10' (3 meter) I/O cable connects to one of the 24-pin connectors on the module. The other end has stripped, tinned, and labeled leads. Two cables are required per module.	For High Density (32-point) I/O modules having dual 24-pin connectors: IC693MDL654 IC693MDL655 IC693MDL752 IC693MDL753
IC693CBL316	3' (1 meter) serial cable with 9-pin D-shell connector that connects to a Personal Computer's serial port. The other end has an RJ-11 connector.	For connecting to modules with an RJ-11 communications port: IC693CMM321 IC693CPU351, 352, 363 IC693DSM302, 314
IC693CBL317	Special 10' (3 meter) APM I/O cable connects between one of the 24-pin connectors on the module and the connector on the terminal block. This cable is similar to IC693CBL311 except that its drain shield wire is brought outside of the connector. Two cables are required per module.	APM modules: IC693APU301 IC693APU302s
IC693CBL318	Unused or inactive number	
IC693CBL319	3' (1 meter) APM I/O cable connects between one of the 24-pin connectors on the module and the connector on the terminal block. Two cables are required per module.	APM modules: IC693APU301 IC693APU302
IC693CBL320	Special 3' (1 meter) APM I/O cable connects between one of the 24-pin connectors on the module and the connector on the terminal block. This cable is similar to IC693CBL319 except that its drain shield wire is brought outside of the connector. Two cables are required per module.	APM modules: IC693APU301 IC693APU302
IC693CBL321 (Obsolete. Use IC693CBL329 and IC693CBL330)	3' (1 meter) I/O cable connects between a 24-pin connector on the module and the connector on the terminal block.	Used with the Terminal Block Quick Connect assemblies. See Appendix H for a module list and cable selection information.
IC693CBL322 (Obsolete. Use IC693CBL331 and IC693CBL332)	6' (2 meter) I/O cable connects between a 24-pin connector on the module and the connector on the terminal block.	Used with the Terminal Block Quick Connect assemblies. See Appendix H for a module list and cable selection information.

Series 90-30 Cable Cross-Reference		
Catalog No.	Description	Applications
IC693CBL323 (Obsolete. Use IC693CBL333 and IC693CBL334)	1.5' (0.5 meter) I/O cable connects between a 24-pin connector on the module and the connector on the terminal block.	Used with the Terminal Block Quick Connect assemblies. See Appendix H for a module list and cable selection information.
IC693CBL324	3' (1 meter) cable connects between a DSM module and either a servos axis terminal block or an aux axis terminal block. See the DSM user's manuals (GFK-1464, GFK-1742) for details.	DSM modules: IC693DSM302 IC693DSM314
IC693CBL325	10' (3 meter) cable connects between a DSM module and either a servo axis terminal block or an aux axis terminal block. See the DSM user's manuals (GFK-1464, GFK-1742) for details.	DSM modules: IC693DSM302 IC693DSM314
IC693CBL326	Unused or inactive number	
IC693CBL327	10' (3 meter) right angle I/O cable connects to the left side 24-pin connector on a 32-point module. The other end has stripped, tinned, and labeled leads. Replaces straight cable IC693CBL315 on the left side of the module.	For High Density (32-point) I/O modules having dual 24-pin connectors: IC693MDL654 IC693MDL655 IC693MDL752 IC693MDL753
IC693CBL328	10' (3 meter) right angle I/O cable connects to the right side 24-pin connector on a 32-point module. The other end has stripped, tinned, and labeled leads. Replaces straight cable IC693CBL315 on the right side of the module.	For High Density (32-point) I/O modules having dual 24-pin connectors: IC693MDL654 IC693MDL655 IC693MDL752 IC693MDL753
IC693CBL329	3' (1 meter) right angle I/O cable connects between the left side 24-pin connector on a 32-point module and the connector on the terminal block. Replaces cable IC693CBL321.	Used with the Terminal Block Quick Connect (TBQC) assemblies. See Appendix H for a module list and cable selection information.
IC693CBL330	3' (1 meter) right angle (both connectors) I/O cable connects between the right 24-pin connector on a 32-point module or the single connector on a TBQC faceplate and the connector on the terminal block. Replaces cable IC693CBL321.	Used with the Terminal Block Quick Connect (TBQC) assemblies. See Appendix H for a module list and cable selection information.
IC693CBL331	6' (2 meters) right angle (both connectors) I/O cable connects between the left 24-pin connector on a 32-point module and the connector on the terminal block. Replaces cable IC693CBL322.	Used with the Terminal Block Quick Connect (TBQC) assemblies. See Appendix H for a module list and cable selection information.
IC693CBL332	6' (2 meters) right angle I/O cable connects between the right 24-pin connector on a 32-point module or the single connector on a TBQC faceplate and the connector on the terminal block. Replaces cable IC693CBL322.	Used with the Terminal Block Quick Connect (TBQC) assemblies. See Appendix H for a module list and cable selection information.