PACSystems RX3i
CPU374
PACSystems RX7i

Horner APG, LLC: Compatibility List
Effective: July 21, 2006
Last Updated: August 20, 2014

	A	B	C	D	E	G	H	I	J	K	L
1			**HE Compatibility Matrix for GE PLC Products**			**PAC RX3i**		**CPU374**		**PAC RX7i**	
2			**Product Number**			**Compatible (Y)es or (N)o**	**d July 2013 with CPE**	**Compatible (Y)es or (N)o**	**Comments**	**Compatible (Y)es or (N)o**	**Comments**
3											
4	**Products for GE Fanuc Series 90-30 PLCs**					**Initial Hardware Configuration Requires a Power Cycle**					
5		**Analog Inputs**									
6			HE693ADC405		4 channel +/-10VDC analog input module for Series 90-30 with 700VDC isolation and 14-bit resolution.	Y		Y			
7			HE693ADC410		4 channel +/-10VDC analog input module for Series 90-30 with 2000VDC isolation and 14-bit resolution.	Y		Y			
8			HE693ADC415		4 channel 4-20mA (or +/-20mA) analog input module for Series 90-30 with 700VDC isolation and 14-bit resolution.	Y		Y			
9			HE693ADC420		4 channel 4-20mA (or +/-20mA) analog input module for Series 90-30 with 2000VDC isolation and 14-bit resolution.	Y		Y			
10			HE693ADC816		8 channel +/-10VDC high speed analog input module for Series 90-30 with 16-bit resolution.	Y		Y			
11			HE693MIX800		Universal Analog Input module. Inputs for mV, V, mA, uA, RTD, and Thermocouple. See data sheet MAN0314 for details.	Y		Y			
12		**Analog Outputs**								PAC RX7i does not apply to Series 90-30 Products	
13			HE693DAC410		4 channel +/-10VDC analog output module for Series 90-30 with 2000VDC isolation and 14-bit resolution.	Y		Y			
14			HE693DAC420		4 channel 4-20mA (or +/-20mA) analog output module for Series 90-30 with 2000VDC isolation and 14-bit resolution.	Y		Y			
15		**Digital Outputs**									
16			HE693DQM220		4 point breaker control module for Series 90-30, rated for 30A @ 125VDC.	N		Y			
17			HE693RLY100		8 point unfused relay module for Series 90-30, rated to 8A, 2 NO/NC, 6 NO.	Y		Y			
18			HE693RLY110		8 point fused relay module for Series 90-30, rated to 8A, 2 NO/NC, 6 NO.	Y		Y			
19		**RTD Inputs**			*** = Rev T or Later**						
20			HE693RTD600		6 channel RTD input module for Series 90-30 with 0.5°C resolution from -100 to 850°C.	Y*		Y			
21			HE693RTD601		6 channel RTD input module for Series 90-30 with 0.1°C resolution from -100 to 260°C.	Y*		Y			
22			HE693RTD660		6 channel RTD input module for Series 90-30 with 700VDC bus-isolation and 0.05°C resolution.	Y*		Y			
23			HE693RTD665		6 channel RTD input module for Series 90-30 with 700VDC bus-isolation, 0.05°C resolution and 50Hz filtering.	Y*		Y			
24			HE693RTD666		6 channel RTD input module for Series 90-30 with 700VDC bus-isolation, 0.05°C resolution and 60Hz filtering.	Y*		Y			
25		**Millivolt/Strain Gage Inputs**									
26			HE693ADC409		4 channel +/-25mV, +/-50mV, +/-100mV millivolt input module for Series 90-30 with 14-bit resolution.	Y		Y			
27			HE693STG883		8 channel +/-20mV, +/-25mV, +/-30mV strain gage input module for Series 90-30 with 16-bit resolution and weighing functions.	Y		Y			

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28			HE693STG884		8 channel +/-25mV, +/-50mV, +/-100mV strain gage input module for Series 90-30 with 16-bit resolution and weighing functions.	Y		Y			
29		**Stepper Positioning Modules**									
30			HE693MKR100		Signal conditioning board to reverse polarity of marker signal on all stepper positioning modules for the Series 90-30.						
31			HE693STP100		One axis stepper positioning module for Series 90-30.	Y		Y			
32			HE693STP104		One axis stepper positioning module for Series 90-30 with Normally Closed Limit Inputs	N		Y			
33			HE693STP101		One axis stepper positioning module for Series 90-30 with optical isolation and independent acceleration/deceleration.	Y		Y			
34			HE693STP110		One axis stepper positioning module for Series 90-30 with incremental encoder feedback.	Y		Y			
35			HE693STP111		One axis stepper positioning module for Series 90-30 with incremental encoder feedback, optical isolation and independent acceleration/deceleration.	Y		Y		PAC RX7i does not apply to Series 90-30 Products	
36			HE693STP113		One axis stepper positioning module for Series 90-30 with incremental encoder feedback, optical isolation, independent acceleration/deceleration and indexed moves.	Y		Y			
37			HE693STP300		Three axes (multiplexed) stepper positioning module for Series 90-30.	Y		Y			
38			HE693STP301		Three axes (multiplexed) stepper positioning module for Series 90-30 with optical isolation and independent acceleration/deceleration.	Y		Y			
39			HE693STP310		Three axes (multiplexed) stepper positioning module for Series 90-30 with incremental encoder feedback.	Y		Y			
40			HE693STP311		Three axes (multiplexed) stepper positioning module for Series 90-30 with incremental encoder feedback, optical isolation and independent acceleration/deceleration.	Y		Y			
41		**Thermocouple Inputs**									
42			HE693THM409		4 channel thermocouple input module for Series 90-30 with 0.5°C resolution.	Y		Y			
43			HE693THM449		4 channel thermocouple input module for Series 90-30 with 0.5°C resolution and digital open circuit alarm inputs.	Y		Y			
44			HE693THM665		6 channel thermocouple input module for Series 90-30 with 0.1°C resolution, bus/channel isolation and 50Hz filtering.	Y		Y			
45			HE693THM666		6 channel thermocouple input module for Series 90-30 with 0.1°C resolution, bus/channel isolation and 60Hz filtering.	Y		Y			
46			HE693THM668		6 channel thermocouple input module for Series 90-30 with 0.1°C resolution and bus/channel isolation.	Y		Y			
47			HE693THM809		8 channel thermocouple input module for Series 90-30 with 0.5°C resolution.	Y		Y			
48			HE693THM884		8 channel thermocouple input module for Series 90-30 with 0.1°C resolution.	Y		Y			
49			HE693THM894		8 channel thermocouple input module for Series 90-30 with 0.1°C resolution.	Y		Y			
50			HE693THM895		same as THM894, but adds external cold-junction compensation capability	Y		Y			
51			HE693THM888		8 channel thermocouple input module for Series 90-30 with 0.1°C resolution and 60Hz filtering.	Y		Y			

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52			HE693THM889		8 channel thermocouple input module for Series 90-30 with 0.5°C resolution and digital open circuit alarm inputs.	Y		Y			
53			HE693THM166		16 channel thermocouple input module for Series 90-30 with 0.5°C resolution and digital open circuit alarm inputs.	Y		Y			
54			HE693ISOBLK		DIN rail mounted cold junction compensation block for thermocouple input modules.	Y		Y			
55			**ASCII BASIC Modules**								
56			HE693ASC900		ASCII BASIC module for Series 90-30 with 32k EEPROM, 32k NVRAM, 2 RS-232 ports and 1 RS-485 port.	Y		Y			
57			HE693ASC940		ASCII BASIC module for Series 90-30 with 32k EEPROM, 32k NVRAM, 2 RS-232 ports, 1 RS-485 port and a 14.4 kbaud modem.	Y		Y			
58			**Profibus Modules**								
59			HE693PBS105		Profibus DP slave module for Series 90-30.	N		N			
60			HE693PBS106		Profibus DP slave module (Logicmaster support) for Series 90-30.	N		N			
61			HE693PBM100		Superceded by the HE693PBM101 or HE693PBM101 12	N		N		PAC RX7i does not apply to Series 90-30 Products	
62			HE693PBM101		Profibus DP master module for Series 90-30.	N		N			
63			HE693PBM101-12		Profibus DP slave module for Series 90-30 (enhanced microprocessor).	N		N			
64			**RTU / Modbus Modules**								
65			HE693RTM705		RTU / Modbus master module for Series 90-30 with 1 RS-232 port, 1 RS-485 port, supports Report by Exception.	N		Y			
66			HE693RTU900		RTU / Modbus slave module for Series 90-30 with 1 RS-232 port, 1 RS-485 port, supports Report by Exception.	N		N			
67			HE693RTU940		RTU / Modbus slave module for Series 90-30 with 1 RS-232 port, 1 RS-485 port, and a 14.4 kbaud modem, supports Report by Exception.	N		N			
68			**SNP Modules**								
69			HE693SNP900		SNP slave module for Series 90-30 with 1 RS-232 port and 1 RS-485 port.	N		N			
70			HE693SNP940		SNP slave module for Series 90-30 with 1 RS-232 port, 1 RS-485 port and a 14.4 kbaud modem.	N		N			
71			**Interbus-S Modules**								
72			HE693IBS100		Interbus-S slave module for Series 90-30.	N		N			
73			HE693IBS313		Interbus-S slave module for Series 90-30 autoconfiguring CPU313 rack.	N		N			
74			HE693IBS323		Interbus-S slave module for Series 90-30 with additional autoconfiguring CPU323 rack.	N		N			
75			**DeviceNet Modules**								
76			HE693DNT250		DeviceNet Scanner (master) module for Series 90-30.	Y	Compatible, but PLC faults are logged that do not seem to affect operation.	Y	Compatible, but PLC faults are logged that do not seem to affect operation.		
77			HE693DNT350		DeviceNet Scanner	N		N			

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78			HE693DNT750		DeviceNet slave module for Series 90-30.	Y	Compatible, but PLC faults are logged that do not seem to affect operation.	Y	Compatible, but PLC faults are logged that do not seem to affect operation.		
79		**SDS Module**									
80			HE693BEM310		SDS™ master interface which supports 64 addresses and MIMO devices.	N		N			
81		**Sequence of Events**									
82			HE693SER300		Series 90-30 sequential event recorder, uses standard inputs.	N		N			
83			HE693CDC300		CAN data concentrator for SER300, required for connectivity to multiple I/O racks or to PLC rack.	N		N			
84			HE200TIM100		GPS time server for SER300, for time synchronization between separate racks or locations.	N		N			
85			HE200TIM100-01		GPS time server for SER300, for time synchronization between separate racks or locations.	N		N			
86			HE200TIM100-02		GPS time server for SER300, for time synchronization between separate racks or locations.	N		N		PAC RX7i does not apply to Series 90-30 Products	
87		**CsCAN Interface**									
88			HE693CDC200		CsCAN Data Concentrator I/O Module for the Series 90-30 PLCs required for connectivity to multiple I/O racks or to PLC rack.	N		N			
89	**PC-Based Products**										
90		**PC Interface**									
91			HE693PIF104		PC Interface to Series 90-30 I/O in PC104 form factor.	N		N			
92			HE693PWR524		Power supply adapter for Series 90-30 to allow for redundant power supplies.	N		N			
93			HE693TRM526		Terminal strip with ribbon cable for GE Fanuc high density I/O modules. (2 required per module).	N	Compatibility is not applicable.	N	Compatibility is not applicable.		
97	**Products for GE Fanuc Series 90- 70 PLCs**										
98		**Series 6 Controller**									
99			HE697BEM600		Series 6 I/O Controller for Series 90-70 PLCs					Not Tested	
100		**RTU / Moddbus Modules**									
101			HE697RTM700		Modbus RTU Master for Series 90-70 PLCs					Y	
102			HE697RTM701		Modbus RTU Master / Slave for Series 90-70 PLCs					Y	
103		**Thermocouple Inputs**				PAC RX7i does not apply to Series 90-30 Products		PAC RX7i does not apply to CPU374 Products			
104			HE697THM160		16 pt. Thermocouple Module for Series 90-70 PLCs					Y	**Revision H or higher**
105		**Genius Interface**									
106			HE700GEN100		Single Channel Genius Interface Module for VME Backplane					Not Tested	
107			HE700GEN200		Dual Channel Genius Interface Module for VME Backplane					Not Tested	
108											
109											