

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE PACSYSTEMS RX3i

IC695CHS007

7-SLOT UNIVERSAL BACKPLANE

Used with the applicable PACSystems RX3i backplanes configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

Catalog Number	Module	+3.3Vdc		+5Vdc		+24Vdc Relay		+24Vdc Isolated	
		mA	W	mA	W	mA	W	mA	W
IC695ALG626	Analog Input 16-/8-Channel Current/Voltage with HART Communications	625	2.063	600	3.00	–	–	–	–
IC695ALG628	Analog Input 8-/4-Channel Current/Voltage with HART Communications	625	2.063	450	2.25	–	–	–	–
IC695ALG704	Analog Output, 4-Channel Current/Voltage	375	1.238	–	–	–	–	150	3.6
IC695ALG708	Analog Output, 8-Channel Current/Voltage	375	1.238	–	–	–	–	250	6
IC695ALG728	Analog Output, 8-Channel Current/Voltage with HART Communications enabled	380	1.255	–	–	–	–	–	–
IC695ALG808	Analog Output 8-Channel Current/Voltage Isolated	450	1.485	25	–	0.138	–	600	14.4
IC694APU300	High-Speed Counter	–	–	250	1.25	–	–	–	–
IC694APU305	Special I/O Processor (360mA module +10mA per output on)	–	–	440	2.2	–	–	80	1.92
IC694BEM320	I/O Link Interface Module with Optical Adapter	–	–	205 405	1.025 2.025	–	–	–	–
IC694BEM321	IO Link Master Module with Optical Adapter	–	–	415 615	2.075 3.075	–	–	–	–
IC694BEM331	Genius Bus Controller Module	–	–	1300	6.50	–	–	–	–
IC695CHS007	Universal Backplane 7-Slot	600	1.98	240	1.20	–	–	–	–
IC695CHS012	Universal Backplane 12-Slot	600	1.98	240	1.20	–	–	–	–
IC695CHS016	Universal Backplane 16-Slot	600	1.98	240	1.20	–	–	–	–
IC694CHS392	Expansion/Remote Backplane 10-Slot	–	–	150	0.75	–	–	–	–
IC694CHS398	Expansion/Remote Backplane 5-Slot	–	–	170	0.85	–	–	–	–
IC695CMM002	Serial Communications Module, 2 Ports	700	2.310	115	0.508	–	–	–	–

Catalog Number	Module	+3.3Vdc		+5Vdc		+24Vdc Relay		+24Vdc Isolated	
		mA	W	mA	W	mA	W	mA	W
IC695CMM004	Serial Communications Module, 4 Ports	700	2.310	150	0.75	–	–	–	–
IC695CMX128	Control Memory Xchange Module	660	2.178	253	1.27	–	–	–	–
IC695CPE302	1.1 GHz CPU with 2 MB of user memory and embedded Ethernet	1000	3.300	500 ⁷	2.50	100 ⁸	2.4	–	–
IC695CPE305	1.1 GHz CPU with 5 MB of user memory and embedded Ethernet	1000	3.300	500 ⁷	2.50	100 ⁸	2.4	–	–
IC695CPE310	1.1 GHz CPU with 10 MB of user memory and embedded Ethernet	1000	3.300	500 ⁷	2.50	100 ⁸	2.4	–	–
IC695CPE330	1 GHz dual core CPU with 64 MB of user memory and embedded Ethernet/PROFINET	0	0	0	0	750	18	–	–
IC695CPU310	300MHz CPU, 10 MB user memory	1250	4.125	1000	5.00	–	–	–	–
IC695CPU315	1 GHz CPU, 20 MB of user memory	1000	3.300	1200	6.00	–	–	–	–
IC695CPU320	1 GHz CPU, 64 MB of user memory	1000	3.300	1200	6.00	–	–	–	–
IC695CRU320	1 GHz Redundancy CPU, 64 MB of user memory	1000	3.300	1200	6.00	–	–	–	–
IC694DNM200	DeviceNet Master Module	–	–	450	2.25	–	–	–	–
IC694DSM314	Motion Controller (+ external encoder, if used)	–	–	800 +500	4.00 +2.50	–	–	–	–
IC694DSM324	Motion Controller (+ external encoder, if used)	–	–	860 +500	4.30 +2.50	–	–	–	–
IC695ETM001	Ethernet Module	840	2.772	614	3.07	–	–	–	–
IC695ECM850	IEC 61850 Ethernet Communication Module	1900	6.270	1100	5.500	–	–	–	–
IC695GCG001	Genius Communications Gateway	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IC695HSC304	High-Speed Counter Module, 1.5MHz, 8 inputs, 7 outputs	457	1.51	64	0.32	–	–	–	–

⁷ Greater if USB present at start-up. Refer to GFK-2222AD or later, Section 2.2.

⁸ Note that the current at power-up is 500mA. 100mA is the steady-state condition.

Catalog Number	Module	+3.3Vdc		+5Vdc		+24Vdc Relay		+24Vdc Isolated	
		mA	W	mA	W	mA	W	mA	W
IC695HSC308	High-Speed Counter Module, 1.5MHz, 16 inputs, 14 outputs	561	1.85	94	0.47	–	–	–	–
IC695LRE001	Expansion Module	–	–	132	1.60	–	–	–	–
IC694MDL230	Input 120 Vac Isolated 8-Pt	–	–	60	0.30	–	–	–	–
IC694MDL231	Input 240 Vac Isolated 8-Pt	–	–	60	0.30	–	–	–	–
IC694MDL240	Input 120 Vac 16-Pt	–	–	90	0.45	–	–	–	–
IC694MDL241	Input 24Vac/Vdc Pos/Neg Logic 16-Pt	–	–	80	0.40	–	–	125	3.00
IC694MDL250	Input 120 Vac 16-Pt Isolated (all inputs on)	–	–	220	1.10	–	–	–	–
IC694MDL260	Input 120 Vac 32-Pt Isolated (all inputs on)	–	–	220	1.10	–	–	–	–
IC694MDL310	Output 120 Vac 0.5A 12-Pt (all outputs on)	–	–	210	1.05	–	–	–	–
IC694MDL330	Output 120/240 Vac 0.5A 16-Pt (all outputs on)	–	–	160	0.80	–	–	–	–
IC694MDL340	Output 120 Vac 0.5A 16-Pt (all outputs on)	–	–	315	1.575	–	–	–	–
IC694MDL350	Output 120/240 Vac Isolated 16-Pt (all outputs on)	–	–	315	1.575	–	–	–	–
IC694MDL390	Output 120/240 Vac Isolated 2A 5-Pt (all outputs on)	–	–	110	0.55	–	–	–	–
IC694MDL632	Input 125Vdc Pos/Neg Logic 8-Pt	–	–	40	0.20	–	–	–	–
IC694MDL634	Input 24Vdc Pos/Neg Logic 8-Pt	–	–	45	0.225	–	–	62	1.488
IC694MDL635	Input 125Vdc Pos/Neg, 16-Pt (all inputs on)	–	–	80	0.40	–	–	–	–
IC694MDL645	Input 24Vdc Pos/Neg Logic 16-Pt	–	–	80	0.40	–	–	125	3.00
IC694MDL646	Input 24Vdc Pos/Neg Logic FAST 16-Pt	–	–	80	0.40	–	–	125	3.00