

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE PACSYSTEMS RX3i

IC695CHS012

12-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

PACSystems™ RX3i

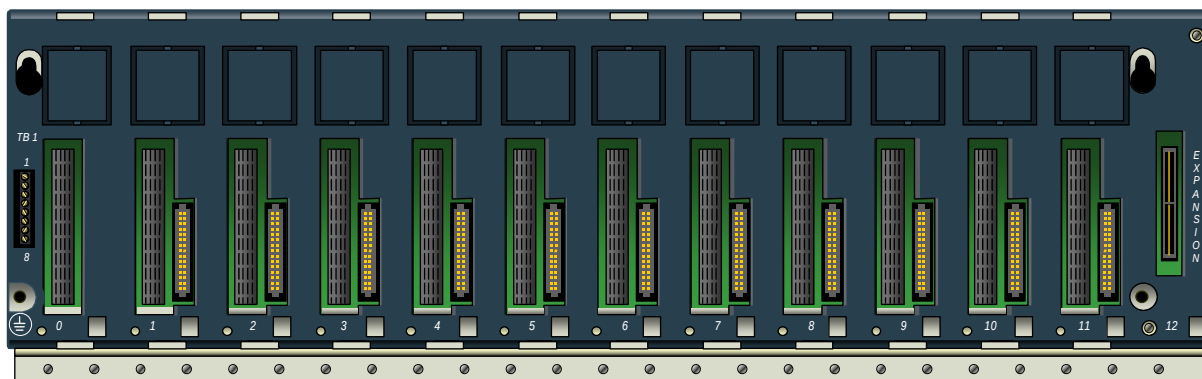
IC695CHS012

IC695CHS016

GFK-2554
January 2010

Universal Backplanes

Two Universal Backplanes are available for RX3i PACSystems: the 16-slot Universal Backplane (IC695CHS016), and the 12-slot Universal Backplane (IC695CHS012), which is illustrated below.



The RX3i Universal Backplane supports both PCI-based (IC695) and serial (IC694) I/O and option modules with its dual-bus backplane. The RX3i Universal Backplane also supports 90-30 IO and option modules. See the *PACSystems RX3i System Manual*, GFK-2314 for lists of supported modules. Features of the Universal Backplane include:

- Terminal Strip on the left end for Isolated +24V input
- Backplane grounding point
- An integral grounding bar for connecting module/shield grounds
- Serial Expansion connector for connection to Serial Expansion and Remote Backplanes
- Slot numbers printed on the backplane that can be used as a reference for configuration.

Release History

<i>Catalog Number</i>	<i>Date</i>	<i>Description</i>
IC695CHS012 / 016-CA	April 2009	Hardware changes for EU-RoHS compliance
IC695CHS012 / 016-BAMP	February 2009	Improved immunity against environmental noise
IC695CHS012 / 016-BA	September 2007	ATEX approval for Group 2, Category 3 applications.
IC695CHS012 / 016A	August 2004	Initial product release

Installation in Hazardous Locations

- WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2;
- WARNING - EXPLOSION HAZARD - WHEN IN HAZARDOUS LOCATIONS, TURN OFF POWER BEFORE REPLACING OR WIRING MODULES; AND
- WARNING - EXPLOSION HAZARD - DO NOT CONNECT OR DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NONHAZARDOUS.
- EQUIPMENT LABELED WITH REFERENCE TO CLASS I, GROUPS A, B, C & D, DIV. 2 HAZARDOUS LOCATIONS IS SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C, D OR NON-HAZARDOUS LOCATIONS ONLY