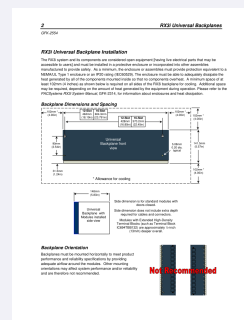


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC695CHS012-DR

12-slot universal backplane



PRODUCT	IC695CHS012-DR
FAMILY	PACSystems RX3i backplanes
FUNCTION	12-slot universal backplane
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE PACSystems RX3i documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Backplane Slots	12
Backplane Type	Universal PCI and serial bus
Controller Base	Supported
5 V Current	240 mA
3.3 V Current	600 mA
Input Supply	24 V DC

02

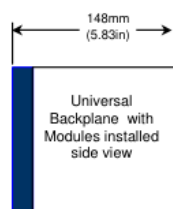
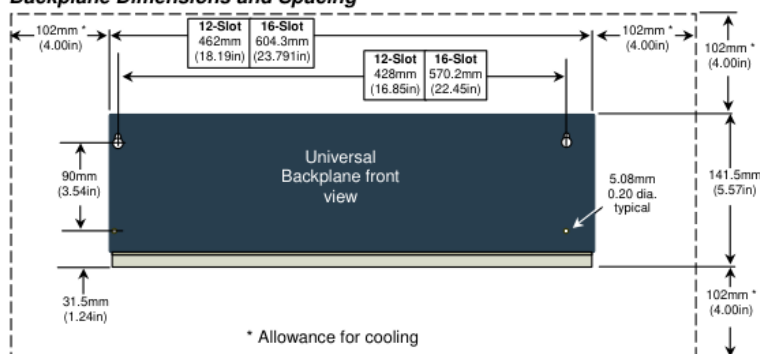
PREPARATION AND CONNECTION

- Confirm the complete IC695CHS012-DR article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

RX3i Universal Backplane Installation

The RX3i system and its components are considered open equipment [having live electrical parts that may be accessible to users] and must be installed in a protective enclosure or incorporated into other assemblies manufactured to provide safety. As a minimum, the enclosure or assemblies must provide protection equivalent to a NEMA/UL Type 1 enclosure or an IP20 rating (IEC60529). The enclosure must be able to adequately dissipate the heat generated by all of the components mounted inside so that no components overheat. A minimum space of at least 102mm (4 inches) as shown below is required on all sides of the RX3i backplane for cooling. Additional space may be required, depending on the amount of heat generated by the equipment during operation. Please refer to the PACSystems RX3i System Manual, GFK-2314, for information about enclosures and heat dissipation.

Backplane Dimensions and Spacing



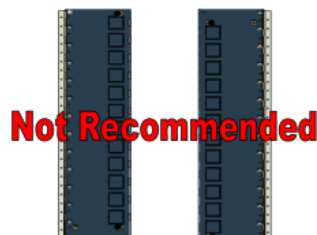
Side dimension is for standard modules with doors closed.

Side dimension does not include extra depth required for cables and connectors.

Modules with Extended High-Density Terminal Blocks (such as Terminal Block IC694TBB132) are approximately 1/2-inch (13mm) deeper overall.

Backplane Orientation

Backplanes must be mounted horizontally to meet product performance and reliability specifications by providing adequate airflow around the modules. Other mounting orientations may affect system performance and/or reliability and are therefore not recommended.



04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	GE official manufacturer documentation
Product record	IC695CHS012-DR
Manufacturer	GE PACSystems RX3i
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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