# HIEE400923R1 PMA324 BE

## 01 / Installed system and risk controls

ABB HIEE400923R1 PMA324 BE is a dual-channel control circuit board. The offered assembly carries HIEE400923R1 and PM A324 BE and presents two D-sub ports labelled CHNL A and CHNL B for its installed cabinet position.

### Rack and field boundary

The board belongs to an installed ABB cabinet or rack; the host slot, external cable harness and powered field circuits define the complete installation.

## Before returning the system to service

### Isolate before handling

Follow the cabinet lockout and discharge procedure before touching the open circuit board or rear mating contacts.

### Capture the baseline

Keep CHNL A and CHNL B cables separate, and photograph the red switch positions and memory labels before exchange.

### Control electrostatic damage

Handle the board by its faceplate or edges and use the site-approved ESD work area and packaging.

### Inspect both mating sides

Check front sockets, rear pins, retaining hardware and guide rails for bent contacts or contamination.

## Record the installed configuration

### Baseline

Record both ABB label parts, cabinet position, connector orientation and visible switch settings before removal.

### Cable plan

Keep CHNL A and CHNL B cables separate, and photograph the red switch positions and memory labels before exchange.

### Mating review

Compare front and rear contact condition with the removed board before seating and fastening the replacement.

# HIEE400923R1 PMA324 BE

## 02 / Commission and hand over

### What identifies the exact ABB HIEE400923R1 PMA324 BE assembly during replacement?

Use the complete HIEE400923R1 and PM A324 BE marking together with the photographed faceplate and rear connector arrangement. A shortened family code does not establish the same revision or circuit role.

### How should cables be recorded before removing ABB HIEE400923R1 PMA324 BE?

Keep CHNL A and CHNL B cables separate, and photograph the red switch positions and memory labels before exchange. Mark both cable ends and the original socket or terminal position so reassembly is traceable.

### Does the visible connector arrangement on ABB HIEE400923R1 PMA324 BE define its pinout?

The two channel labels are visible; neither their signal standard nor a safe switch setting follows from the faceplate alone. Use the installed ABB wiring drawing and verify each lead before connecting field power.

### Can another ABB board with a similar faceplate replace HIEE400923R1 PMA324 BE?

Match the R1 and BE identifiers with the installed board; retain channel mapping and any host configuration associated with the original assembly. Check the full code, board revision, rear mating interface and host configuration before considering an alternative.

### What should be inspected on the rear of ABB HIEE400923R1 PMA324 BE?

Inspect two long multipin connectors on the board edge, guide alignment and contact condition. A bent or contaminated mating pin can create an intermittent fault even when the front wiring appears correct.

### Which ABB HIEE400923R1 PMA324 BE settings or configuration should be preserved?

Record the host slot, any visible switch positions, board-revision labels and the connected circuit mapping before removal. Restore only settings supported by the installed system documentation.

## Close-out evidence

Record the installed wiring, configuration and as-left functional checks under the site change record.

Technical basis: ABB HIEE400923R1 / PM A324 BE markings, CHNL A/B faceplate and visible hardware on supplied unit photographs.

## Technical enquiry

**sales13@apterpower.com | +86 18030235313**