HIEE400923R1 PMA324 BE

01 / Product identity and electrical data

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.

Board form	Rack-format open circuit board	**ABB label position**	Printed labels along the rear connector edge
Field cable access	Front faceplate	**Front channels**	CHNL A and CHNL B labelled D-sub ports
Rear mating points	Two long multipin plug connectors	**Local setting hardware**	Red switch bank visible
Status hardware	Front-panel indicator lenses	**Memory hardware**	Plug-in labelled memory packages
Channel control	Preserve A/B cable assignment and switch record		

Source boundary

Physical markings and construction describe the HIEE400923R1 PMA324 BE assembly. Voltage, current, pinout, protocol and host-platform limits depend on the matching installed system documentation.

Exchange decision

An illuminated indicator shows a local state only; its diagnostic meaning depends on the matching ABB equipment documentation. Confirm host alarms and measured circuit behavior before treating it as a pass.

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02 / Application and compatibility

Exact-position exchange

Match the R1 and BE identifiers with the installed board; retain channel mapping and any host configuration associated with the original assembly.

Cable-map retention

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

Cabinet maintenance

Compare faceplate hardware, rear connectors and board clearance with the installed assembly before a planned shutdown.

Post-installation proof

Use the host system diagnostic and circuit test procedure to verify the functions connected to the actual board position.

Field precautions

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.

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03 / Technical decisions and support

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.

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.

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.

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.

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