

PRODUCT
DASHBOARD

FS450R12KE3-AGDR-71C-S

IGBT Module Kit with TIM Foil

ABB FS450R12KE3-AGDR-71C-S is an IGBT module spare-part kit identified by ABB product ID 68569354. ABB's service notice assigns this kit to the ACS800 ECONOPACK+ IGBT module transition to thermal-interface-material foil.

BRAND

ABB

ORIGIN

Sweden

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Technical data dashboard

IGBT Module Kit with TIM Foil

ABB PRODUCT ID 68569354	OFFICIAL TYPE DESIGNATION FS450R12KE3/AGDR-71C S	SPARE-PART DESCRIPTION IGBT module kit
SERVICE UPDATE TIM foil installation	THERMAL GREASE Removed from updated kit	CHANGE IMPLEMENTATION Running change from Q2 2024

Application and support view

Four engineering use cases plus customer-oriented verification questions.

ACS800 inverter power-stage repair

Replaces the documented module kit in a matching ACS800 ECONOPACK+ power section.

Scheduled converter overhaul

Supports a controlled module and thermal-interface renewal during planned service.

Post-fault hardware restoration

Provides the exact kit identity for repair after the drive power stage has been isolated and assessed.

Lifecycle service update

Applies ABB's running change from grease-based kits to TIM-foil installation practice.

FAQ SNAPSHOT

1

What is the exact system role of FS450R12KE3-AGDR-71C-S?

2

Which host, rack or carrier is required for FS450R12KE3-AGDR-71C-S?

3

What wiring or connector checks apply to FS450R12KE3-AGDR-71C-S?

4

How is FS450R12KE3-AGDR-71C-S configured for service?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

01 ZCU-14 3AXD50000005164 expansion module

02 XV C772 A102 high-voltage divider board

03 NBRA-657C 59006410 braking chopper

04 ABB Drives product collection

05 YPC111B optical distributor

06 3BHB003041R0101 UFC719AE01 I/O control board

07 ZINT-592 3AUA0000103603 interface board

08 ZCU-14 3AXD50000182992 control unit

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Confirm FS450R12KE3-AGDR-71C-S, ABB product ID 68569354, the exact ACS800 power-unit frame and hardware revision, TIM-foil kit, module and gate connections, busbars, insulation, cooling path, drive firmware, parameter backup and controlled no-load diagnostics before commissioning.

OFFICIAL MANUFACTURER SOURCE

ACS800 ECONOPACK+ IGBT MODULES TO TIM FOIL

3AXD10001699553 Revision E, 01 April 2024

ENGINEERING RELEASE NOTE

Before installing FS450R12KE3-AGDR-71C-S, confirm ABB product ID 68569354, the ACS800 drive configuration and the approved TIM-foil service instruction. Keep the power stage discharged and verify the module seating, foil placement, connections and post-repair diagnostics before enabling the drive.

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