

FS450R12KE3-AGDR-71C-S

IGBT Module Kit with TIM Foil

PRODUCT TECHNICAL REFERENCE

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.

OFFICIAL SOURCE

ACS800 ECONOPACK+ IGBT MODULES TO TIM FOIL | 3AXD10001699553 Revision E, 01 April 2024

Verified technical profile

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

Only values traceable to the listed manufacturer source are treated as verified technical data.

System role and engineering boundaries

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1

Identified by ABB product ID 68569354

2

Supplied as an ACS800 IGBT module service kit

3

Uses the updated TIM-foil thermal interface

4

Supports documented power-stage service and verification

ENGINEERING 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.

Industrial application matrix

Four source-supported operating contexts for this exact product.

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.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	ZINT-592 3AUA0000103603 interface board
02	ZCU-14 3AXD50000182992 control unit
03	ZCU-14 3AXD50000005164 expansion module
04	XV C772 A102 high-voltage divider board
05	NBRA-657C 59006410 braking chopper
06	ABB Drives product collection
07	YPC111B optical distributor
08	3BHB003041R0101 UFC719AE01 I/O control board

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

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