ECONODUAL 3

Product Data Sheet

FF300R17KE3

1700 V 300 A dual IGBT module

FUNCTION	FAMILY	ORIGIN	WEIGHT
1700 V 300 A dual	**EconoDUAL 3**	**Germany**	**Confirm with quotation**

Infineon FF300R17KE3 is a 1700 V 300 A dual IGBT module for the EconoDUAL 3. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Semiconductor type	Dual IGBT module
Circuit topology	Half bridge
Collector-emitter voltage	1700 V
Nominal collector current	300 A
Repetitive peak collector current	600 A
IGBT technology	IGBT3 E3
Package	AG-62MMHB
Typical collector-emitter saturation voltage	2.0 V
Typical diode forward voltage	1.8 V
Maximum junction temperature	150 °C

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Gate-emitter voltage limit	±20 V
Electrical isolation	Isolated baseplate
Internal circuit	Two IGBTs with inverse diodes
Terminal construction	Screw power terminals
Mounting construction	62 mm industrial power module

03 OFFICIAL APPLICATIONS

- Variable Speed Drive Production: Industrial motor drive power conversion; High-power frequency conversion production
- Solar and Wind Power Conversion: Solar inverter power conversion; Wind turbine converter production
- Rail and Electric Mobility: Rail traction power conversion; Electric mobility power electronics

04 SYSTEM COMPATIBILITY

Match FF300R17KE3 to the installed EconoDUAL 3, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Infineon FF300R17KE3 Data Sheet

https://www.infineon.com/assets/row/public/documents/non-assigned/49/infineon-ff300r17ke3-datasheet-ja.pdf

AMIKON PRODUCT SUPPORT

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