

# Carrier Inverter AC Error Codes, Indoor and Outdoor Protection

Category: Air Conditioner

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 10, 2026

E0	> 1 Times	Indoor unit fan motor current fault
F1	> 1 Times	Indoor unit fan motor current fault
F2	> 10 Times	Indoor unit fan motor current fault
F3	> 1 Times	Indoor unit fan motor current fault
F4	> 1 Times	Outdoor unit GND/DCM parameter error
F5	> 10 Times	Outdoor unit GND/DCM parameter error
F6	> 4 Times	Compressor fan motor temperature sensor
F7	> 10 Times	Compressor fan motor temperature sensor
F8	> 30 Times	Three-phase current mismatch fault
F9	> 10 Times	Phase current mismatch fault
L1	> 10 Times	IPM module fault
P0	> 4 Times	IPM module fault
P2	> 1 Times	Compressor shell temperature overload
P4	> 1 Times	Compressor starting abnormal
P6	> 10 Times	Compressor run-off delay abnormal
P8	> 10 Times	Outdoor AC correct protection
L7	> 10 Times	Three-phase voltage imbalance protection
L8	> 10 Times	Three-phase voltage zero line protection
F1	> 10 Times	Outdoor DC/AC high/low line AC voltage protection
P9	> 10 Times	Outdoor DC/AC low current protection
P8	> 10 Times	Outdoor DC/AC high/low line DC voltage protection
P7	> 10 Times	IPM temperature over heat protection
P6	> 10 Times	Compressor discharge temperature

Carrier inverter air conditioners use detailed error codes to protect the compressor, sensors, and inverter electronics. Codes such as E0, F0, P0, and P6 reveal EEPROM faults, outdoor AC current problems, IPM module errors, and DC bus voltage issues, giving HVAC technicians a clear roadmap for safe, accurate troubleshooting and long-term system reliability.

## Fresh SFW13C1P-B Split Air Conditioner

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Fresh SFW13C1P-B Split Air Conditioner – Nameplate Data, Error 11.1 Meaning and Pro Troubleshooting