



Green Flexible Digital

ECOFIT™ modernization solutions

Greater sustainability

- Efficient use of natural resources by replacing only active components
- Recycling of obsolete equipment
- Enabled energy efficiency monitoring

Improved efficiency

- Lifetime extension for existing switchboards
- Less downtime than with a full panel replacement
- Reduced plant shutdown time from days to hours
- No change of cables and no civil work
- Improved safety of people and surrounding equipment

Resiliency with digital capabilities

- Enabled asset condition monitoring
- Remote operation ability
- Access to digital energy management solutions and connected service plans

Benefits

- Digitization giving access to energy management
- Enhanced process dependability
- Optimized maintenance service costs
- New ECOFIT spare parts availability

Expert help from Schneider Electric

- Worldwide support with Schneider Electric's warranty
- Skilled installation and commissioning experts available locally
- Access to the know-how of a global leader in energy management solutions

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Life Is On

Schneider
Electric

IAC, IFC, DIAC and BE1-50/51 B with ECOFIT 50/51

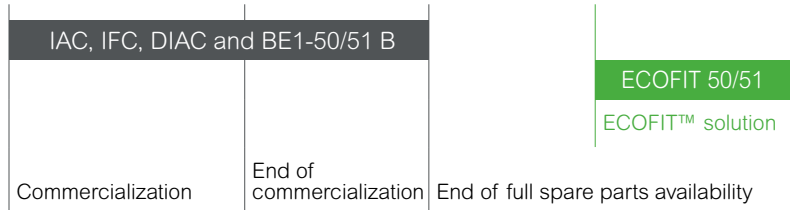
Original brand: General Electric, Basler

ECOFIT™ proposal

IAC, IFC, DIAC and BE1-50/51 B Protection relay

ECOFIT 50/51 Protection relay

With ECOFIT™, a true extended life time



Main technical characteristics

	IAC, IFC, DIAC and BE1-50/51 B	ECOFIT 50/51
Case	S1 (IAC) - C1 (IFC)	The legacy relay case is reused in Plug and Protect
Type	Electromechanical or digital	Numerical
Functionality	Single phase overcurrent	Single phase overcurrent
Power supply	Self powered	Self powered

The Schneider Electric ECOFIT 50/51 single phase or ground time overcurrent relays are direct plug and protect replacements for many GE IAC or GE IFC electromechanical, GE DIAC and Basler BE1-50/51B replacements for GE IAC relays. The relays are selfpowered from 50 or 60 Hz systems and are designed to be one to one replacements for existing electromechanical or digital relays.

The relays are equipped with 31 built-in protection curves.

ECOFIT 50/51 provides information that was not available in the E/M relays:

- Twenty (20) overcurrent fault records time-tagged to the millisecond
- 200 events records time stamped to the millisecond
- Ten (10) Disturbance records up to 4 seconds per record at a sample rate of 32 samples per cycle.

Plug and Protect reduces costs in installation time because it saves existing wiring and reduces engineering costs over other options.