



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

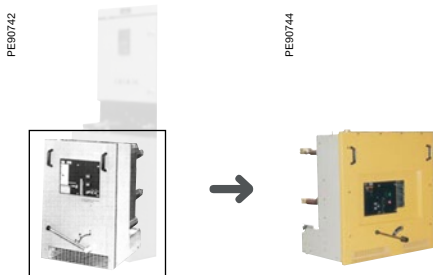
Schneider
Electric

Fluair F300/FG3 (750 mm width) with HVX-O² FG3 (1000 mm width) with SF1 - SF2 Original brand: Merlin Gerin

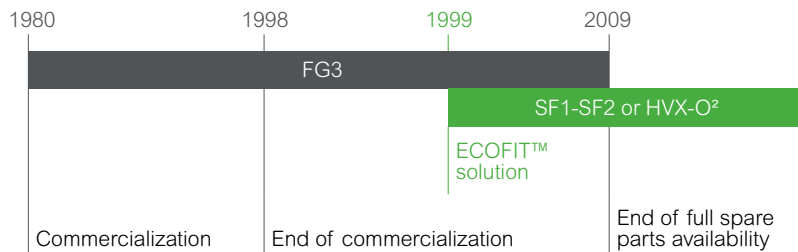
ECOFIT™ proposal

FG3
Circuit Breaker

SF1-SF2 or HVX-O²
Circuit Breaker



With ECOFIT™, a true extended life time



Main technical characteristics

FG3	
Rated current (I _r)	630 - 2500 A
Short circuit current (I _{sc})	25 - 31.5 kA
Rated voltage U _n (50/60 Hz)	24 kV

	SF1	SF2	HVX-O ²
Technology	SF6	SF6	Vacuum
Rated voltage U _r (kV)	24	24	24
Surge withstand voltage U _p (kV)	125	125	125
Nominal frequency (Hz)	50-60	50-60	50-60
Rated current I _r (A)	630 - 1250	1250 - 2500	Up to 1250
Short circuit current I _{sc} (kA)	25	25 - 31.5	Up to 25
Short circuit duration T _k (s)	3	3	3

	SF1	SF2	HVX-O ²
Switching sequence	O-0.3 s-CO-3 min-CO O-3 min-CO-3 min-CO O-0.3 s-CO-15s-CO CO-15 s-CO		
Closing time (ms)	< 65	< 65	45-63
Opening time (ms)	< 50	< 50	25-53
Number of switching operations	10000	10000	10000 electrical
Service temperature (°C)	-25/+40	-25/+40	-5/+40

Make the most of your equipment with available add-ons



Protection relays
Easergy Px, Sepam, MiCom,
Arc Flash

PROTECTION

SUSTAINABILITY

SF6 Recovery Services
SF6, raw material recovery



TECHNOLOGY

Vacuum vs SF6, Oil, Air
Vacuum solutions may require
overvoltage protections

