



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

se.com/ecofitselector

Life Is On

Schneider
Electric

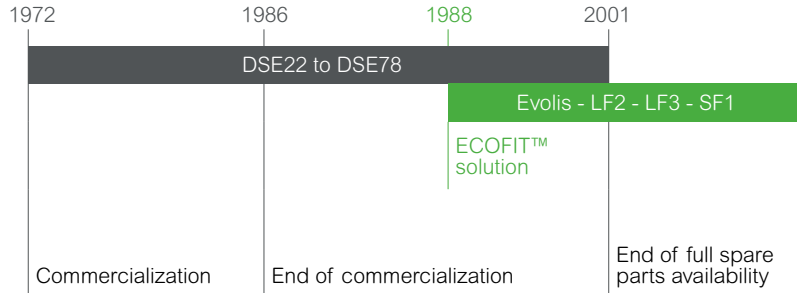
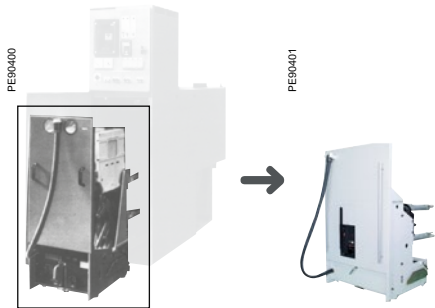
Belledonne B200 - B400 / DSE22 to DSE78 with Evolis - LF2 - LF3 - SF1 Original brand: Merlin Gerin

ECOFIT™ proposal

DSE22 to DSE78
Circuit Breaker

Evolis - LF2 - LF3 - SF1
Circuit Breaker

With ECOFIT™, a true extended life time



Main technical characteristics

	DSE to DSE78			
Rated current (I _r)	630-3500A		630-3150A	
Short circuit current (I _{sc})	29-50kA	24-48kA	15-46kA	10-29kA
Rated voltage U _n (50/60 Hz)	7.2kV	12kV	17.5kV	24kV

	LF2/LF3	LF2/LF3	SF1	Evolis
Technology	SF6	SF6	SF6	Vacuum
Rated voltage U _r (kV)	7.2-12	17.5	24	7.2-12-17.5
Surge withstand voltage U _p (kV)	60-75	95	125	60-75-95
Nominal frequency (Hz)	50-60	50-60	50-60	50-60
Rated current I _r (A)	630-3150	630-3150	630-1250	630-2500
Short circuit current I _{sc} (kA)	29-50	29-40	10-25	40
Short circuit duration T _k (s)	3	3	3	4

	LF2/LF3	LF2/LF3	SF1	Evolis
Switching sequence	O-3 min-CO-3 min-CO O-0.3s-CO-3 min-CO O-0.3s-CO-15s-CO			
Closing time (ms)	<72		<65	<65
Opening time (ms)	<654		<50	<50
Number of switching operations	10000	10000	10000	10000*
Service temperature (°C)	-25/+40	-25/+40	-25/+40	-25/+40

* class MI: 2000 operations for I_{sc} = 40 kA

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



Asset Connect
with LF circuit breaker
T°, Humidity, CB health status

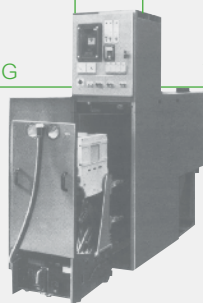
MONITORING

TECHNOLOGY

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



Software and Expertise
EcoStruxure™ Asset
& Power Advisor
Power Monitoring Expert



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