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

se.com/ecofitselector

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

Life Is On | Schneider Electric

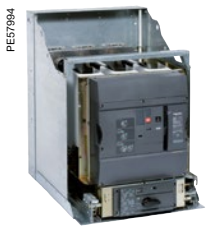
Cradle to Cradle / All breaker types Withdrawable CB with Evolis MC cassette

Original brand: all brands

ECOFIT™ proposal

All breaker types
Compatible with
all open Air
Insulated
Switchgear legacy
and no legacy
cubicles
with minimum inside
panel width
≥ 560 mm

Evolis
Circuit Breaker



With ECOFIT™, a true extended life time

This solution consists in fitting a cradle inside an existing panel:

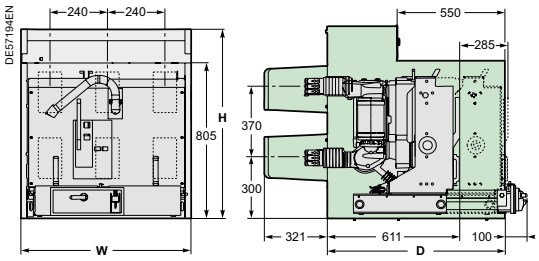
- It is particularly adapted for non Schneider Installed Base.
- ECOFIT™ solution with shutters and mechanical interlocks embedded.
- Only the fixed connections (between the cradle and existing busbar) are customized.
- No age condition of the existing equipment.
- Only the width of the existing panel has to be considered.

Main technical characteristics

	All types	
Rated current (Ir)	630-1250 A	630-2500 A
Short circuit current (Isc)	Up to 31.5 kA	Up to 40 kA
Rated voltage Un (50/60 Hz)	7.2-12 kV	7.2-12-17.5 kV

	MC1	MC2	MC3
Technology	Vacuum	Vacuum	Vacuum
Rated voltage Ur (kV)	7.2-12	7.2-12-17.5	7.2-12-17.5
Surge withstand voltage Up (kV)	60-75	60-75-95	60-75-95
Nominal frequency (Hz)	50-60	50-60	50-60
Rated current Ir (A)	630-1250	630-1250	630-2500
Short circuit current Isc (kA)	Up to 31.5	Up to 40	Up to 40
Short circuit duration Tk (s)	3	3	1

	MC1	MC2	MC3
Switching sequence	O-3 min-CO-3 min-CO O-0.3 s-CO-3 min-CO O-0.3 s-CO-15 s-CO		
Closing time (ms)	< 65	< 65	< 65
Opening time (ms)	< 50	< 50	< 50
Number of switching operations	2.000 (for Isc= 40 kA class M1) - 10 000		
Service temperature (°C)	-25/+40	-25/+40	-25/+40



Cassette		MC1	MC2	MC3
Phase to phase (mm)	E	145	185	240
Dimensions (mm)	W	556	686	886
	H	980	980	980
	D	1223	1223	1223
Weight (kg)		222	255	326

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

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