



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

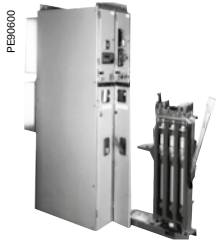
Schneider
Electric

HMC1172/HMC1172 with HMC1172

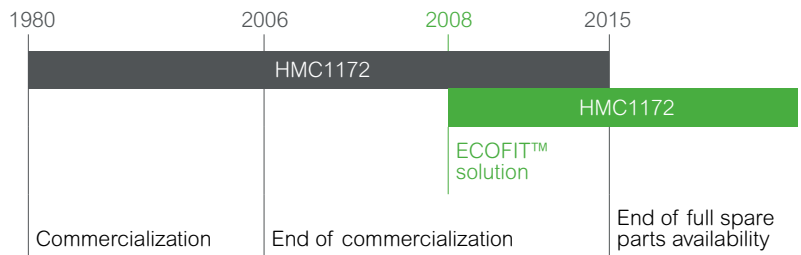
Original brand: GEC, GEC-Alsthom, Alstom, AREVA

ECOFIT™ proposal

HMC1172 Circuit Breaker



With ECOFIT™, a true extended life time



Main technical characteristics

HMC1172	
Rated current (I _r)	400A
Short circuit current (I _{sc})	63kA rms/1s-50kA rms/3s
Rated voltage U _n (50/60 Hz)	7.2kV

	HMC1172	HMC1172 contactor		HMC1172	HMC1172 contactor
Technology	Vacuum	Vacuum	Switching sequence	O-3min-CO-3min-CO O-0.3s-CO-3min-CO O-0.3s-CO-15s-CO	O/C
Rated voltage U _r (kV)	7.2	7.2	Closing time (ms)	90-120	90-120
Surge withstand voltage U _p (kV)	60	63	Opening time (ms)	<61	<61
Nominal frequency (Hz)	50-60	50-60	Number of switching operations	10000	1.000000
Rated current I _r (A)	1000-2000	400	Service temperature (°C)	-25/+40	-25/+40
Short circuit current I _{sc} (kA)	25-31.5	9			
Short circuit duration T _k (s)	3	1			

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
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

