

ECOFIT™ for your MV Switchboard

KCGG 122 & 142 [Areva]

MV protection relay

Achieve higher sustainable performance with ECOFIT™ modernization solution!



Benefits

- Extend your switchgear lifetime.
- Digitization, enable access to asset and energy management.
- Reduced environmental impact
- Enhance your process dependability.
- Optimize your maintenance service costs & limits your investments.
- New ECOFIT™ spare parts availability.

Maximize continuity of operation

- Life time extension for existing switchgear.
- Less downtime than with full panel replacement.
- Reduces plants shutdown time from days to hours.

World class manufacturer design

- Original manufacturer tested solution.
- Worldwide support with manufacturer warranty.
- No change of cables and no civil work.
- Safety of people and surrounding equipment.
- Improve reliability and quality with compliance to new standards.

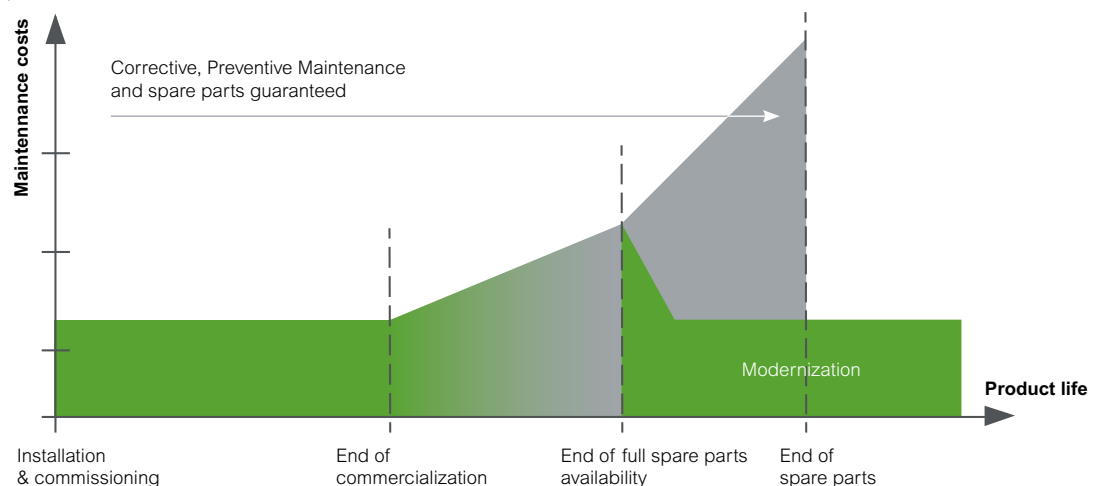
Reduce environmental impact

- Access to energy management with digital products.
- Efficient use of natural resources by replacing only active components.
- Recycling of obsolete equipment (metals, plastics, SF6, etc).

Schneider Electric team with you

- Worldwide support.
- Manufacturer expertise.
- Skilled installation and commissioning experts.

Total Cost of Ownership evolution



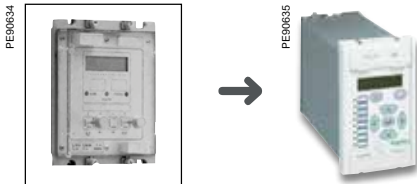
KCGG 122 & 142 with MiCOM P123R

Original brand: AREVA

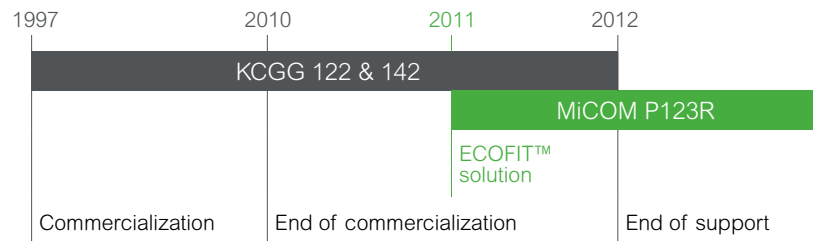
ECOFIT™ proposal

KCGG 122 & 142
Protection relay

MiCOM P123R
Protection relay



With ECOFIT™, a true extended life time



Main technical characteristics

	K range relay - KCGG 122 & 142	MiCOM P123R
Case	20TE size flush mounting	20TE size flush mounting
Replacement Type	Withdrawable case	Withdrawable case
Type	English	Multilanguage
Communication	KBus / Courier	KBus / Courier, DNP3, IEC60870-5-103
Power supply	24 / 125 VDC - 48 / 250 VDC	24 / 250 VDC - 48 / 240 VDC
Digital input supply	48 VDC only	According to Power Supply (above)

ECOFIT™ KCGG 122 & 142 upgrades: diagnosis + implementation/installation of a fully industrialised solution

Improve the performance of your system with the latest technology in micro-processor based integrated relays.

Full retrofit solution

Sustainability

- Replacement of the protection relay and optimised maintenance.
- Access to spare parts, new communication protocols and software facilities.
- Schneider Electric technical support and guarantee.

Manufacturer expertise

- Solution developed by our specialist engineers.
- Enhanced performance.
- Retrofit process optimised.
- Installation warranted by the manufacturer.

Consultancy and audit - Engineering solutions & optimisation

Local support & assistance - Maintenance & refurbishment



No mechanical or electrical impact on your installation. Implementation and site test within a very limited time.

New features enabled:

- Advanced HMI for local control functions.
- Standard communication protocols (Modbus, IEC 60870-5-103, DNP3 or KBUS/Courier).
- Monitoring & Automation facilities..

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Life Is On

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