

Services & Projects

Electrical Distribution

Workshop maintenance and repair services



Reduce downtime and improve performance

As global energy management specialists, we have extensive knowledge and experience in electrical distribution maintenance and repairs. By working with our experts, you can benefit from minimal production downtime and improved plant performance.



Protect your investment

Electrical distribution equipment is a major investment for customers, and ensuring you support your installed plant with an appropriate maintenance strategy throughout its lifetime is essential.



Through its modern, advanced workshop facilities in Leeds and Chippenham, Schneider Electric is able to offer customers cost-effective and timely solutions for the maintenance and repair of electrical distribution equipment. We have invested heavily in our workshop facilities to ensure we can provide maintenance and repairs to the highest standard.

Our maintenance team has years of experience, and you can be assured that all your equipment is in safe hands.



Features and benefits



Equipment is repaired instead of replaced, lowering capital expenditure



Reduced reactive maintenance through improved equipment reliability



Maintenance interventions are planned around production



Operational costs are improved through reduced, unplanned downtime



Early warning of potential problems allowing planned intervention



Preventative maintenance in accordance with manufacturer standards



Equipment is returned to optimum performance with improved reliability

We offer an array of workshop services for Schneider Electric electrical distribution equipment

Masterpact M and Masterpact NW low voltage air circuit breakers

Inspection, standard maintenance and performance test

We will undertake an inspection, standard maintenance and dynamic performance testing of the ACB to determine that it is operating within the manufacturer's specification. A fully detailed report will be submitted that shows the following characteristics:

- > Mechanical, kinematic and electrical compliance summary
- > Opening and closing curves for the main and auxiliary contacts showing displacement, speed and contact phasing
- > Charging motor curves (where appropriate)
The above characteristics are tested at normal and at minimum auxiliary voltages
- > Contact resistance
- > Insulation resistance
- > No volt coil pickup and drop off voltages (where appropriate)

In the event that any repairs are required with the exception of the following all consumable type parts and labour are included in the quoted price.

Parts exempt from the above offer requiring customer authorisation are:

- > Protection unit
- > Rear / internal contacts
- > Motorisation
- > Current transformers





YSF6 Standard Inspection and Repair

The standard inspection and repair includes:

- > De-gassing
- > Replacement of consumable type items such as limit switches, gas filler pipe, seals, etc, as may be necessary
- > Cleaning, adjusting and lubrication of the mechanism
- > Re-gassing, functional test, performance tests, gas leak test and EHT test
- > Fitting of gas pressure gauge (where not previously fitted).

Any non-consumable parts or additional repairs would be subject to additional cost.

YSF6 Internal Inspection and Repair

The internal inspection and repair includes the services included in the Standard Inspection and Repair offer, in addition it also includes:

- > An internal examination of the circuit breaker gas envelope to establish the condition of the moving contact mechanism and inspection and cleaning of the fixed and moving contacts
- > Replacement of the main contact garter springs, internal desiccant pack and main gasket are included.

Where other internal parts require replacement, refurbishment or additional repairs these would be subject to additional cost.

YSF6 Full Overhaul

The YSF6 full overhaul includes the services detailed in the YSF6 internal inspection and repair offer, in addition it also includes:

- > Full strip down of the internal fixed and moving contacts and the moving contact mechanism
- > Repair, refurbishment and replacement of all necessary parts
- > In exceptional circumstances where there is exceptional damage or the mechanism is completely worn out, there may be additional repair costs.



Get more from the experts

Schneider Electric Services and Projects offer a comprehensive range of associated services to complement our workshops.



These include:

- > YSF6 voltage transformers
- > YSF6 extension panels
- > Refurbished circuit breakers
- > YSF6 vacuum retrofit
- > Low voltage retrofit for Schneider Electric and third party air circuit breakers
- > 'Prevent' – electrical distribution support contracts

Service is subject to individual specification of units, please consult your local Services Sales Engineer for details.

Lead times

Average lead times will be dependent on the specific service but will typically range from 2 to 8 weeks. Consult our services team for prices and lead times.

Warranty

The warranty period for repairs is 12 months from the date of shipment and covers on faulty workmanship or new/reconditioned parts that are fitted as a part of the repair. In the event that, within the warranty period, parts fail that have not been fitted as a part of the repair, these will be replaced at their standard list price but the labour associated with their fitting will be free of charge. Where Schneider Electric decided that it is necessary, these repairs will be carried out at its workshop facilities, and in these circumstances collection and delivery would be free of charge.



Nationwide support on one number -

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Schneider Electric, the global specialist in energy management, offers integrated solutions making energy safer, more reliable, efficient and productive in the energy and infrastructure, industry, data centres and networks, buildings and residential markets.

With sales of €18.3 billion in 2008, the company's 114,000 employees in 102 countries help individuals and organisations make the most of their energy.

We are changing our brand names and becoming one Schneider Electric. You'll get the same great quality products, but from one name you can remember and trust. This provides you and your customers with the reassurance associated with Schneider Electric.

Some of our market leading brands have already become Schneider Electric including **Merlin Gerin, Telemecanique, Mita, Sarel, Himel, Thorsman, Tower and TAC.**

Working as one Schneider Electric makes it clearer that our ranges are highly compatible for integrated solutions.

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