

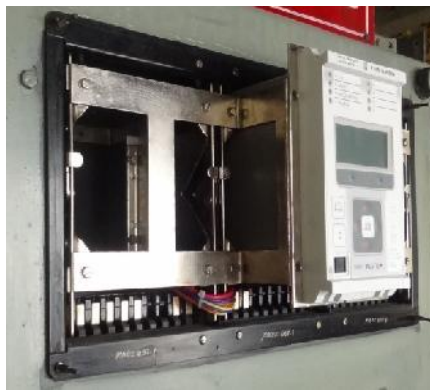
MiCOM AGILE FIT Solutions

Quest for adopting new technologies in Power sector is rapidly increasing and with the demand for increased communication, Smart Intelligent Electronic Devices (IED's) in substations is the need of the day.

This has led to replacement of legacy relays with smart IED's, but this involves lot of effort in terms of outage time, availability of schemes etc... MiCOM FIT solution offers an innovative way of retrofitting with lesser outage times and hassle free process.

Application

MiCOM fit is a series of retrofitting solutions designed to replace old electromechanical relays with latest MiCOM technology relays. This can be used to change ALSTOM make electromechanical relays in draw out case to MiCOM Agile series of relays. The MiCOM fit can be customized to utilize the maximum functionality of the new relay with no or minimal change in the panel wiring. The front panel of MiCOM fit is designed keeping in mind aesthetics of the cubicle after retrofitting. This solution can cover all applications like overcurrent, Voltage, Frequency, etc. and can work in co-ordination with the existing CTs & PTs



Customer Benefits

- Customized retrofitting solution to replace old electromechanical relays with MiCOM relays
- Instant retrofitting Solution
- Minimum or No Down time
- No change required in Panel Wiring
- Aesthetic appeal

MiCOM AGILE FIT Solutions

MiCOM fit for CDG Horizontal Relays

With P50 Agile:

MiCOM P50 Agile relays are dual powered numerical relays (self-powered & Auxiliary)

Advantages of P50 Agile:

- Fully programmable and communicable relay with latest technology.
- 3 Independent stages of Overcurrent protection with wide selection of IEEE/IEC curves.
- Offers multiple functions like Inrush blocking, cold load pickup, thermal overload etc...
- 2 setting groups.
- Dual power supply option.

Assembly Procedure:

- Existing case to be replaced with new Fit assembly.
- Existing cables to be connected to fit assembly.



Advantages:

- Draw out assembly – ease during service in later period
- No need to make any changes in wiring

With P40 Agile:

MiCOM P40 Agile relays are advanced numerical relays with functionalities higher than P50 Agile and can be powered up with AC or DC.

Advantages of P40 Agile:

- Fully programmable and communicable relay with latest technology, with wide range of protection functions.
- Universal range of Auxiliary supply.
- Inherent DC supply supervision.
- Multiple Setting groups with comprehensive disturbance recording.

Assembly Procedure:

- The Cradle assembly is modified to fit the Agile relay
- Relay fitted to the cradle using interconnection plate
- This assembly will be fitted into the existing case in the control panel.



MiCOM AGILE FIT Solutions

Benefits

- Quick retrofitting solution
- No skilled manpower required for retrofitting – Since the MiCOMfit is supplied with the settings and wiring made at factory, no skilled staff is required at site for retrofitting
- Facility for Injection testing without external test blocks. Since existing case is being used, secondary injection testing can be done by using injection plugs inserted in to the cradle.
- Modern technology solutions

What do you get?

- Every order for MiCOM fit is supplied with the following items
- MiCOM fit cradle/case wired.
- MiCOM relay programmed according to the details provided.
- Wiring diagram
- MiCOM S1 software

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