

S&C IntelliRupter® testing package

The unique solution for testing S&C's IntelliRupter® PulseCloser



S&C IntelliRupter® testing package:
Test set-up with a CMC 356

In 2008, S&C introduced its new IntelliRupter® PulseCloser. This modern alternative to the recloser is a completely integrated package including interrupters, sensors, power supply, controls and communications in one 3-pole unit. It incorporates the Pulse-Closing Technology™ that injects non-disruptive pulses into the line to check for faults before initiating closing. This technology eliminates the disruptive effects associated with conventional power restoration, reducing equipment damaging stresses, and extends the life of lines, transformers, and circuit breakers.

At the request of several mutual customers, OMICRON agreed to investigate the possibility of creating a test interface for this new device to be used in combination with a CMC test set. As a solution, David Marble, Application Engineer of the America's Sales Region, designed a unique interface box which can be placed between the S&C docking station and the IntelliRupter control module allowing test signal injections and element monitor-

ing with the test set. The S&C IntelliRupter Testing Package comprises this interface box and a wiring harness consisting of three keyed cables which connect the box to the test set. The package also contains a pre-configured IntelliRupter test plan using standard Protection modules of OMICRON's Test Universe PC software which can easily be customized by the user.

This unique plug in solution allows the testing of the settings, functions, and logic of the IntelliRupter control module with a CMC 356 or CMC 256plus test set equipped with the LLO-2 option both in the office and in the field. Nine low level signal injections are used for the six voltages and the three currents (simulating the IntelliRupter's Rogowski coil current sensor outputs) along with seven plus I/O points. OMICRON's test solution supports the analytical testing of S&C's PulseClosing feature and can also provide verification of any operational sequence for an automatic restoration scheme.

Testing of the first lot of ten interface boxes is currently proceeding with key customers. Since no other solution like this is available on the market, many utilities are eagerly awaiting the opportunity to obtain this unique OMICRON accessory."

See our website for updates and general availability:

www.omicron.at



S&C ELECTRIC COMPANY
Excellence Through Innovation

**IntelliRupter® PulseCloser with
PulseClosing Technology™**

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www.sandc.com