

3-phase fantasy from Metrel

“Working on 3-phase systems is more dangerous than working on single-phase domestic circuits simply because of the high energy loads they are designed to deliver,” said Brendan Beaver, manager of Metrel UK, the provider of innovative test solutions.

“Making and breaking connections can be a risky business particularly when you are working live.”

“How much better would it be if you could make the connections once and switch the connections remotely? Even better, simpler and safer for the operator if the tester automated the testing process and drove the connection switching.”

“Metrel has introduced a 3-phase active switch adapter A1507 to make this fantasy a reality when used with either of the Metrel touch screen multi-function testers, MI3152 and MI3155. The testing automation comes from the Autosequence® function of both testers.”

“You make the connections, ensure the Bluetooth® connection between tester and switch adapter,” Brendan continued “Set up the test parameters, and once the test sequence is complete, decide the validity

of the results and whether to save them for downloading into the certificate.”

“The connection to the installation is simply made using croc clips, or, even more conveniently, using a CEE 5-P 16 A or 32 A plug. The instrument then measures the voltages and check the 3-phase sequence, measure the full insulation resistances, L1-L2-L3-N-PC, the continuity of protective conductor, earth resistance, resistance N-PE, full RCD testing and loop impedances using the unique Autosequence function to drive the tests and the connection switching in the adapter.”

“The next job is to remove the connections from the circuit under test.”

“The combination of the dot matrix screen and the Metrel memory management system makes the use of the downloading system uniquely easy to use, speeding the certification process.”

“The fantasy is here waiting for you to use it”

For more information click here for the adapter <http://bit.ly/3-ph-adapter> and the multi-function tester http://bit.ly/MI_3155, or call us on 01924 245000

Image captions:

MTE15 – Active 3-phase active switch adapter A1507 and multi-function tester MI3155 ready to test all 10

Notes: Metrel is one of the oldest manufactures of electrical test equipment having been established over 60 years ago. An innovation leader, it produces test equipment for HV and LV applications, including power quality, earth analysis and transformer analysis.

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