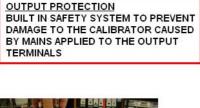


3000 Series Multi Product Calibrators I-GUARD OUTPUT PROTECTION SYSTEM OVERVIEW

The I-GUARD output protection system, fitted as standard on all 3000 Series multi product calibrators, protects the calibrator from damage from externally applied voltages to the calibrator terminals.

Any voltage above 12V AC/DC applied between the voltage, current or high current terminals will be automatically detected when the calibrator is switched from standby to output on. When voltage is detected, the calibrator remains in standby and the display indicates 'voltage on terminals'. Protection is also provided for voltages applied to the low terminal with respect to mains earth.

This unique feature of Transmille 3000 Series calibrators protects your investment against damage where often mains voltages are accidentally connected to the calibrators outputs, almost always causing significant and expensive damage to many makes of calibrators.

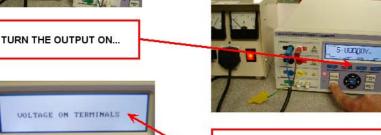






EXAMPLE 1 250V AC APPLIED TO THE OUTPUT TERMINALS WITH THE CALIBRATOR IN STANDBY





OUTPUT PROTECTION SYSTEM ACTIVATES TO PREVENT DAMAGE TO CALIBRATOR - WARNING MESSAGE IS DISPLAYED



EXAMPLE 2 LIVE 230V AC APPLIED TO THE LOW TERMINAL





OUTPUT PROTECTION SYSTEM AGAIN ACTIVATES - A UNIQUE SYSTEM TO TRANSMILLE 3000 SERIES CALIBRATORS PROTECTING YOUR INVESTMENT IN INSTANCES WHERE CALIBRATORS ARE USUALLY SERIOUSLY DAMAGED

