

## **Martindale and Worcester, Bosch Group, work together on safe isolation solutions**

Martindale Electric has supplied Worcester, Bosch Group with VIPD138 safe isolation kits which contain the industry leading VI-13800 voltage indicator and the PD440 proving unit. The VI-13800 allows Worcester, Bosch Group engineers to prove the installations they are working on in the field are dead and avoid potentially hazardous live voltages.

Worcester, Bosch Group, a pioneer in manufacturing oil and gas boilers since 1962 also leads the way with initiatives and technologies that are energy efficient and has a strong presence in the UK and globally as part of the Bosch Group. With more than 300 service engineers across the UK and a 'people first' philosophy, Worcester, Bosch Group wanted to increase each engineer's safety in the field with a reliable solution that was easy to use and complied with the latest health and safety regulations for safe working. After researching the market, Worcester, Bosch Group concluded that the most suitable product was the VIPD138 kit from Martindale Electric.

Nothing is more dangerous than failing to identify a live circuit due to a defective voltage indicator. Safe electrical work requires the use of a voltage indicator that has been proved with a proving unit before and after use. The VIPD138 contains the VI-13800 voltage indicator and the PD440 proving unit together with a carry case for storing both units. This enables Worcester, Bosch Group engineers to comply with health and safety recommendations for safe working and minimise the risk of possible accidents during their work while at the same time being a convenient and easy to use tool. The VI13800 is exceptionally reliable and safe because it's simple, with no batteries, ranges or switches to worry about.

Martin Andrews, Field Service Support Engineer at Worcester, Bosch Group who conducted the research and completed the purchase, said, "Martindale has been very efficient and we are very pleased with our purchase; our engineers can do their

jobs easier and feel safer”. The fulfilment for the purchase was done through their local supplier which allowed for a timely delivery of the VIPD138 kits.

The new VI-13800 Voltage indicator has been specifically designed to meet the new BS EN 61243-3:2010 regulation for ‘Live working voltage detectors two-pole low-voltage type’. A poorly installed electric circuit can pose an electrical shock hazard and lead to serious injury or loss of a person’s life. The VI-13800 is capable of measuring voltage range of 50-600V AC/DC, fully complies with BS EN61243-3:2010 and has a high wattage resistor in the probe that will limit the current in the event of damage to the cable. This protection is superior to the protection offered by a fuse as the current that can flow under fault conditions is considerably less and is built in where it’s needed in the probe. The vast majority of voltage indicators in the market have no protection built into the probe.

Through its in house training program Worcester, Bosch Group educated all of its field engineers on how to use the VI-13800 voltage indicator correctly and how to use the proving unit to ensure everything works as intended. “The feedback has been positive by our field team” Martin said, “the equipment is very easy to understand and use. The carrying bag provides for increased convenience and allows the engineers to carry them around with ease”. The combination carry case holds both VI13800 and PD440 and enables proving tests to be carried out without having to unpack the proving device.

Founded in 1928, Martindale Electric is a British owned company and the market leader in safe isolation solutions. For more information, please contact Martindale Electric on 01923 441717 or visit [www.martindale-electric.co.uk](http://www.martindale-electric.co.uk)

