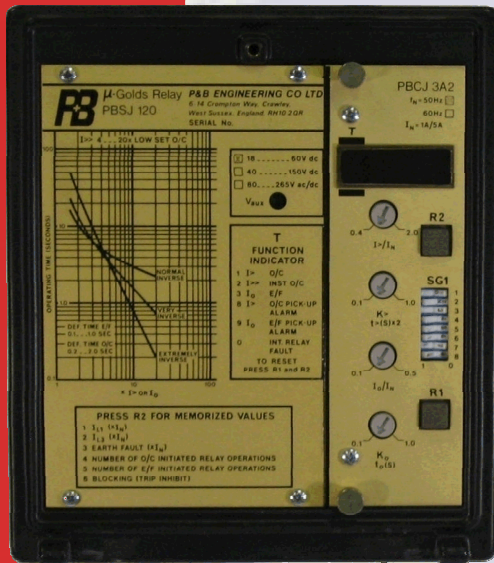


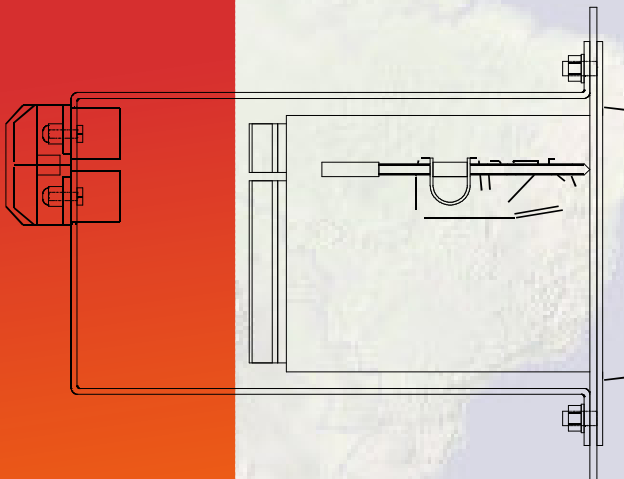


# PBSJ3E5N11 Retrofit

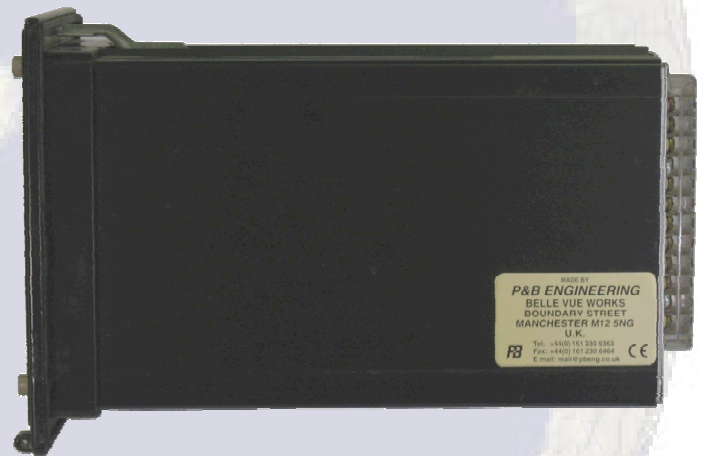
THE INTELLIGENT SOLUTION FOR REPLACING THE 3E5N11 WITH THE MOTORVISION 2



- **COST EFFECTIVE - ELIMINATES THE NEED FOR EXPENSIVE CUBICLE RE-WIRING**
- **EFFECTIVELY A DROP-IN REPLACEMENT: MINIMAL INSTALLATION MINIMAL DISRUPTION to PLANT OPs**
- **INCREASED OPERATING RELIABILITY**
- **EXTENDS THE LIFE & SERVICEABILITY OF THE SWITCHGEAR**
- **EASY TO NAVIGATE GRAPHICAL LCD**
- **INCREASED PROTECTIVE FUNCTIONALITY**



Top View of the retrofit assembly showing the MV2 within the N11 case wrap & terminals



Side View of the PBSJ3E5N11 casing

- **MV2 DESIGNED FOR HARSH ENVIRONMENTS AND HIGH AMBIENT TEMPERATURE CONDITIONS**
- **ENERGISING CURRENT DISPLAY CURVE & OPTIONAL DISTURBANCE RECORDING**
- **32x TRIP HISTORY WITH TIME & DATE STAMP**
- **LCD DISPLAY WITH 4 BUTTON INTERFACE**
- **OPTIONAL FRONT MOUNTED RS232 PORT**
- **OPTIONAL REMOVABLE SMART CARD FOR PARAMETER STORAGE**





# PBSJ3E5N11 Retrofit

THE INTELLIGENT SOLUTION FOR REPLACING THE  
3E5N11 WITH THE MOTORVISION 2

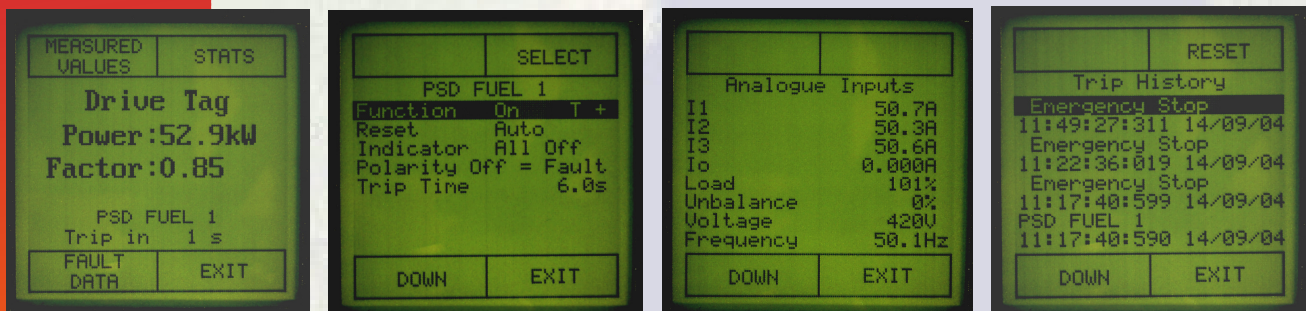
The retrofit solution uses the established Motorvision2 (MV2) as the alternative protection relay. The MV2 is mounted vertically and is the same height as the existing 138mm cutout for the N11, therefore completely avoids any panel rework.

The chassis allows the MV2 to be fitted yet still offer PBSJ3E5N11 like terminals so the panel wiring & CT's can remain unchanged. The retrofit is supplied pre-wired with the MV2 programmed & fitted to the adaptor plate.

The adaptor plate is located in exactly the same aperture as the original N11 so there is no need to alter the panel cutout. Additionally, the metalwork can be colour matched to the existing switchgear if requested.

The fitting of the MV2 modernises and can help to extend the useable life of your existing motor starters & switchgear.

For more information on the MV2 consult the technical manual.



With the MV2 graphical display we can, in addition to displaying the starting current curve, show oscilligraphy of disturbance recordings without external equipment.

The MV2 can also allow integration onto communication systems to aid in plant automation, remote telemetry & control.

The MV2 retrofit approach allows you to upgrade & benefit from the very latest in protection & control technology from P&B without cost or compromise.



*Continuing to protect your equipment with complete peace of mind*