



Phase 3 Connectors Ltd,  
61 Nasmyth Road,  
Glenrothes,  
Fife,  
KY6 2SD

**Mr Greg Murphy**  
**Connector-Tech ALS Pty Ltd**

21<sup>st</sup> March 2018

Dear Greg,

We would like to confirm that the Powersafe connector range is 100% compatible and intermateable with the Powerlock range of products.

When creating the above product ranges (Powerlock and Powersafe) we used the same dimensions and tolerances, in design areas which would affect the intermateability. Such as the mechanical key positions and dimensions, and the contact entry diameters and mating areas. This was key to the development of the Powersafe series as it had to be absolutely compatible, not only with the Veam Powerlock connectors, but also the related network devices and other units within the range.

We have been selling the Powersafe for many years to customers who previously had been using the Powerlock version. These companies had of course mixed stocks in the beginning and we never had any complaint or failure due to non-compatibility.

We also commissioned a number of tests to ensure the mechanical, IP, and electrical performance was maintained. The only negative to mating a Powersafe connector with a Powerlock connector is that you are limited to the lower Powerlock electrical rating as the contact is the limiting factor. So, if you mate Powersafe to Powersafe you can have the full 500A and 800A ratings, however if you mate a Powersafe to a Powerlock you will be limited to the Powerlock rating of 400A and 600A.

That being said, Phase 3 Connectors Ltd can guarantee that you will have 100% compatibility between the product ranges. In the extremely unlikely event that some problem was to arise, we would of course evaluate and rectify the problem. However, having designed, manufactured and sold these product ranges for over 20 years I cannot think of, and have never encountered any such problem to date.

The fact that we have sold thousands of Powersafe to clients across the world, for many years, who use these connectors not only in place of Powerlock but also in conjunction with Powerlock, shows that there is no problem with this configuration.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Glachan'.

Andy Glachan  
Managing Director  
Phase 3 Connectors Ltd

A handwritten signature in blue ink, appearing to read 'Lee Corrigan'.

Lee Corrigan  
Compliance Manager  
Phase 3 Connectors Ltd