

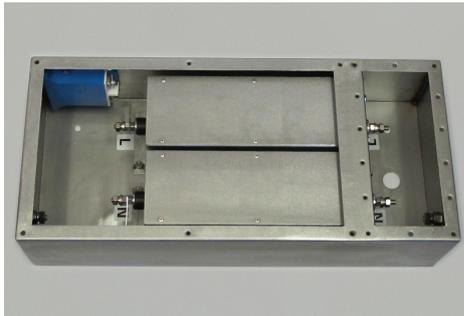


MPE
Quality, Reliability, Performance

Company Bulletin

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Individual element HEMP filters

MPE's 800A and 1200A HEMP filters have always been modular, with line-replaceable individual elements, but now the company has expanded its existing, well-established HEMP range to provide 6A to 400A filters in modular as well as integrated form. This is to satisfy recent market requests, and in particular to address certain US specifications and applications.

With over 10,000 lines of MPE HEMP protection now installed and operational in numerous territories around the world, MPE's track record of high reliability is well proven in the field. This enviable track record, combined with an ultra-low failure rate in service of less than 0.1%, has never suggested that line-replaceable elements would be beneficial to users.

Therefore, previously MPE has manufactured HEMP filters up to 400A as either 2-line or 4-line integrated solutions. Meanwhile MPE's larger current 800A and 1200A HEMP filters have always been single-line because of size and weight considerations.

However, regardless of MPE's unmatched record for reliability, some defence specifications and particular applications do still call for individual element or line-replaceable filters. Therefore, to address such cases, MPE has now introduced a modular HEMP filter range for currents up to 400A.

Based soundly on the same field-proven designs and components as in MPE's integrated HEMP filter ranges, the new range provides both 2-line and 4-line variants, from 6A through to 400A. Filters are offered with both Standard and Extended (TEMPEST) insertion loss performance. This initiative by MPE allows the company to supply individual element filters from 6A right up to 1200A, with no need for any paralleling of multiple lower current filters.

Although only just introduced, MPE's new modular HEMP filters have already been exported and are duly in service at a number of defence and other critical infrastructure sites internationally.

Further information regarding the new modular range can be found on the HEMP filter product pages of the MPE website www.mpe.co.uk/category/hemp.

You are also invited to download the catalogue for MPE's complete HEMP filter range by clicking on the hyperlink [here](#).