

ARTICLE

# 3000 kVA, AVC-40 bound for Malaysia

ABB received an order from ABB in Malaysia for a 3000 kVA, AVC-40, which will be installed in a leading semiconductor test and assembly company.



ABB's customer is one of the world's largest providers of independent semiconductor manufacturing services in assembly and test. The team in Malaysia started the sales process at the beginning of the expansion project. ABB's local Sales manager arranged for ABB Malaysian demonstration AVC to be installed as a trial system for a number of months. The customer was happy with the AVC's performance which then helped in the sale process.

Taking the results into consideration a total cost, of ownership comparison (TCO) against the competition was tabled and was accepted by the company's purchasing team, this was key to winning the order.

Voltage sags have been identified in many international studies as one of the most costly power quality problems for continuous process industry. They are very difficult for the electricity utilities to eliminate from the most robust

power systems, even at transmission connection levels. Typically caused by lightning and system faults, sags will propagate quite large distances through the electrical network causing sensitive loads to trip. For some customers this can just be a inconvenience, but for many it results in expensive product loss and downtime.

The PCS100 AVC-40 is an active voltage conditioner designed to solve these problems. It is a high performance power electronic system, designed for industrial and large commercial applications. It responds instantly to power quality events, providing continuous regulation of voltage.

To find out more about ABB's power protection solutions:

Web: [www.abb.com/ups](http://www.abb.com/ups)

Email: [powerconditioning@abb.com](mailto:powerconditioning@abb.com)

#### Additional information

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

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