

# Low voltage products on a roll

ABB's new mobile trailer, showcasing ABB's range of low voltage products, was rolled out earlier this year and has already travelled the length of the country. Offering hands-on demos and product information, feedback received so far on the mobile trailer has been positive.



The mobile trailer in action at the National Safety Show in Auckland, with ABB's safety fencing and robot products in front of the unit



Low voltage products and building automation products on display

"We had a very positive response from our customers when the trailer visited us last month. It was a good opportunity to get some technical information and to see the products in an informal, relaxed setting", comments Stewarts Electrical Supplies, Palmerston North Branch Operations Manager, Kevin Sandbrook.

"It was great to get ABB's products trailer to our Fonterra site so the team could see the products and meet the sales engineers in between planned jobs, without having to carve out a chunk of the day by leaving the site. Seeing the equipment powered up is definitely better than looking at glossy product brochures", says Glenn Brewerton, Lead Automation Engineer at Fonterra's Research Centre.

Melvin Penman, General Manager for ABB's Low Voltage Products division comments, "ABB's key point of difference is that we're well placed to provide complete technical solutions, with first-class service and back-up. ABB's products are high quality and we're really excited to be able to offer our customers the convenience of a mobile product trailer."

Phone: 09 966 4600 or  
Email: [lvproducts@nz.abb.com](mailto:lvproducts@nz.abb.com)  
to book the trailer to visit your site.

# New products

Read about the latest products in the market.

Low voltage products

## PQF active filters

### Enhancing system performance and efficiency

The increasing use of non-linear loads in all types of industrial and commercial applications has resulted in the introduction of potentially harmful harmonics into the power network. This can lead to overheating of cables, motors and transformers, cause damage to sensitive equipment, tripping of circuit breakers and blowing of fuses, as well as cause premature aging of the installation.

ABB's modular PQF active filters provide a reliable and cost-effective solution to this problem by continuously monitoring the current in real time to determine what harmonics are present. The filter then injects harmonic currents in the network with exactly the opposite phase to the components that are to be filtered. The two harmonics effectively cancel each other out so that the feeding transformer sees a clean sine wave.

Further info: [lvproducts@nz.abb.com](mailto:lvproducts@nz.abb.com)



#### + Advantages

- Filters up to the 50th harmonic
- Harmonic attenuation factor greater than 97%
- Free choice of harmonic selection
- Automatic adaptation to network impedance changes
- Dual filtering parameters for standby supply scenarios
- Fault and event logging with real time stamp
- Automatic network analysis to simplify commissioning

Low voltage products

## Busch-iceLight®

### Low power consumption and durability

Busch-iceLight® is the latest LED flush mounted light system and comes with matching switches and wiring accessories. Combining high-quality design with pioneering LED technology, iceLight distinguishes itself through low power consumption and durability.

Providing maximum energy efficiency, iceLight has two light colours for different atmospheres and applications and can be wall mounted or ceiling mounted. The intensity can be pre-set depending on the application.

Inserts in the form of shapes, logos and symbols are available so iceLight can be used as stylish illuminated signage for hallways, lifts, and bathrooms, in commercial or semi-public spaces. Simply insert between the light source and the clear lens to achieve a high quality, decorative lighting effect.

Further info: [lvproducts@nz.abb.com](mailto:lvproducts@nz.abb.com) or [www.abb.co.nz/knx](http://www.abb.co.nz/knx)



#### + Advantages

- Harmonious interaction of light, architecture and function
- Blends with other ABB/Busch-Jaeger switch ranges
- Two light colours for different atmospheres and applications
- Inserts to achieve high quality, decorative signage

## ABB in New Zealand on Facebook

Join ABB in New Zealand on Facebook to read our latest news and interact with our team.

