

Breathe easy with the launch of the Spelsberg AK Air



[Click here to watch this video on YouTube](#)

The formation of condensation inside distribution boxes can have a serious effect on the reliability and safety of distribution boards inside. Ironically, the more effectively the enclosure is sealed against moisture ingress, the more susceptible it is to condensation. The launch of Spelsberg's AK Air finally sees an answer to the problem. It is the first enclosure on the market to come as standard with an integrated ventilation system which protects against ingress while allowing for pressure and temperature regulation – eliminating condensation formation.

When an enclosure is exposed to regularly changing temperature, if it's positioned outside for example, the air inside will expand and contract as it heats and cools. This will in turn create pressure differences to the air outside meaning that air will be drawn into the enclosure; this air contains moisture which will form condensation. Almost every enclosure on the market is susceptible to water ingress of this type, especially enclosures with a high IP rating as the improved seals serve to create a greater pressure differential.

To combat the formation of condensation, ventilation components are already available on the market. However, these need to be specified separately and fitted to standard enclosures. This increases cost and installation time and can harm the enclosure's IP rating if not installed correctly. To help its customers reduce costs and guarantee reliability, Spelsberg has launched the first distribution box on the market to feature an integrated ventilation system as standard.

The AK Air offers end-users IP65 protection, making it suitable for most outdoor and industrial applications. There are two ventilation elements integrated into the back of the enclosure which protect against the ingress of foreign particles yet allow air transfer into the box to regulate temperature and pressure. Because the elements are integrated as standard, end-users can be confident that the IP rating has not been compromised and delivery deadlines won't be missed.

Like the rest of the AK range from Spelsberg, the AK Air is constructed from tough, UV resistant polycarbonate and features several mounting options which do not compromise the integrity of the unit's sealing. Hinged, transparent doors provide easy access to the distribution boards once installed and provide a well finished aesthetic suitable for high quality installations.

The AK Air range is stocked in Spelsberg UK's midlands based warehouse meaning that most orders can be satisfied next day. Where required, customised entry points can be machined by Spelsberg in-house using its CNC capabilities.

Photo Captions

Photo 1: The launch of Spelsberg's AK Air finally sees an answer to the problem to the formation of condensation inside distribution boxes.

Photo 2: The AK Air offers end-users IP65 protection, making it suitable for most outdoor and industrial applications.

Photo 3: Like the rest of the AK range from Spelsberg, the AK Air is constructed from tough, UV resistant polycarbonate and features several mounting options which do not compromise the integrity of the unit's sealing.

About Spelsberg

Spelsberg is one of the largest manufacturers of electrical enclosures in the world. With over 4,000 enclosures available as standard and further customisation possible, it offers solutions for almost any application.

With the largest supply of non-metallic enclosures, ex-stock in the UK, its products are often available for delivery within 24 hours; customisation is possible on any product, including bespoke entries, engraved corporate logos or fitted terminals, within 48 hours. Products can be ordered direct from Spelsberg or from most leading supply specialists including RS, Rapid, Farnell and CPC.

The image(s) distributed with this press release may only be used to accompany this copy, and are subject to copyright. Please contact DMA Europa if you wish to license the image for further use.

Editor Contact

DMA Europa Ltd. : Elizabeth Patrick

Tel: +44 (0)1562 751436

Fax: +44 (0)1562 748315

Web: www.dmaeuropa.com

Email: Liz@dmaeuropa.com

Company Contact

Spelsberg els UK Ltd. : Chris Lloyd

Tel: +44 (0)1952 605849

Fax: +44 (0)1952 670814

Web: www.spelsberg.co.uk

Email: cll@spelsberg.co.uk