

Reliable protection under extreme conditions with the Abox Pro from Spelsberg

The robust junction box for industrial environments

Schalksmühle, 27.08.2025. In industries where electrical installations are exposed to extreme environmental conditions, the Abox Pro from Spelsberg demonstrates reliability and robustness. The impact- and heat-resistant junction box has been specially developed to provide secure protection for electrical connections even in the most demanding industrial environments - whether in the event of intensive temperature fluctuations, mechanical loads or environmental influences.

"The Abox Pro is optimally suited for use in industrial environments, among other things, as it is sealed with its protection class IP66/67/69 against the ingress of dust and water, thus remaining functional even at high humidity," explains Jörn Lindert, Head of Marketing at Spelsberg. Thanks to a temperature resistance of -35 °C to +80 °C and a high impact and break resistance of IK09, the robust Abox Pro offers reliable safety and a long service life even under extreme conditions. The UV-resistant PC plastic material also provides continuous protection against heat and intense sunlight.

Installation-friendly down to the last detail

While the center marking facilitates precise alignment of the Abox Pro, for example by using a laser, the rust-resistant stainless steel screws with Pozidriv/slotted heads enable easy installation without constant tool changes. In addition, the flat cover is ideal for individual labeling, ensuring quick and clear identification of the electrical installations. The patented multiple deflection diaphragm of the gray or black junction box allows for easy and clean installation

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of cables. At the same time, it offers flexibility in the selection of entries and cable diameters. The sturdy external mounting tabs on the robust enclosure guarantee quick and secure attachment – even on cable support systems.

Certified quality and high protection class for industrial applications

The DNV certification confirms that the Abox Pro meets the high standards regarding safety and quality in industrial environments such as on ships and offshore facilities. The impact and break resistance of IK09 demonstrates the product's resilience and durability in industrial environments where mechanical loads are part of everyday life. Even under heavy contamination and extreme environmental influences, such as those occurring in industrial production, on construction sites, or in logistics in unprotected outdoor areas, the weather-resistant junction box ensures reliable protection.

With the Abox Pro, Spelsberg offers a junction box that maintains its high performance even under extreme conditions. "Through extensive testing in our own testing laboratory, it is ensured that the junction box meets the extreme conditions found in industry," concludes the Head of Marketing, Jörn Lindert.

(approx. 3,100 characters)

About Spelsberg

Spelsberg is among the internationally leading manufacturers in the electrical industry, focusing particularly on electrical installation and enclosure technology. The family-owned company with approximately 600 employees develops, produces, and distributes products and systems for electrical trade and industry and is regarded as a competent problem solver for all tasks related to enclosures. Spelsberg has stood for

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safety, high quality, and technical performance for over 120 years and operates its own VDE- and UL-certified testing laboratories. The range includes more than 5,000 widely available items, including junction boxes, small distribution boards, terminal blocks, meter, and industrial enclosures. In addition, the family business develops, manufactures, and distributes enclosures as well as ready-wired systems tailored to customer-specific requirements. The enclosure specialist combines tradition and modernity: with the expansion of the E-Mobility business unit, Spelsberg broadens its scope in the field of sustainable and pioneering technologies.

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