

More safety and comfort during installation

Strain relief ZEL 2K-12/16 from Spelsberg

Schalksmühle, 30.06.2026. With the strain relief ZEL 2K-12/16, Spelsberg expands its accessory portfolio for junction boxes with a practical solution that combines safety, efficiency and standards compliance. Designed for the junction boxes of the 2K-12 and 2K-16 series, the compact strain relief provides reliable fixing of cables and thus increases the stability of the entire installation.

The ZEL 2K-12/16 meets the requirements of DIN EN IEC 60670-1 and thus ensures that cables in junction boxes with strain relief devices are safely protected against tensile forces and torques. At the same time, it helps to mechanically relieve conductor connections and contributes to the long-term operational safety of electrical installations.

Fast, tool-free installation

Thanks to its thoughtful design, the ZEL 2K-12/16 can be mounted with one hand: installation is tool-free using a standard cable tie (2.5 mm), which firmly secures the cable. This reduces installation time to a minimum and proves to be a clear advantage for electricians in their daily work. Up to four strain reliefs can be integrated per junction box, safely covering even more complex wiring situations.

High flexibility and robust quality

The strain relief is suitable for cable diameters from 5.5 to 14 mm, offering high flexibility for different cable types. Made from high-quality insulating material

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and featuring the signature Spelsberg green color, the ZEL 2K-12/16 impresses with its robustness and durability even under demanding installation conditions.

Practical design and standards-compliant safety for installations

Spelsberg places particular importance on practical applicability and standards compliance in product development. According to EN 60670-1, fastening elements in junction boxes and enclosures must be designed so that connections of flexible cables are relieved from tension if they are accessible and may be subject to stress after installation. The new ZEL 2K-12/16 fully meets these requirements. Its construction ensures that the relief mechanism is clearly visible and effectively absorbs both tensile and torsional forces. With compact dimensions of 66 x 36 x 8 mm, the strain relief can be quickly and easily integrated into the enclosure of Spelsberg's junction boxes. It is delivered as a practical set of ten pieces and is therefore ideal for use on construction sites or in series production. "With the ZEL 2K-12/16, we offer installers a simple yet highly effective solution for greater safety and stability in electrical installations," explains Jörn Lindert, Head of Marketing at Spelsberg. "It saves time during installation and at the same time ensures a standards-compliant, durable connection. Subsequent work on the junction boxes is also made easier by the strain reliefs."

With the ZEL 2K-12/16, Spelsberg sets another example of innovative, practical solutions for increased efficiency, safety and confidence in electrical installation

(approx. 3,250 characters)

About Spelsberg

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Spelsberg is one of the internationally leading manufacturers in the electrical industry and is primarily active in the field of electrical installation and enclosure technology. The family-owned company with around 600 employees develops, produces and sells products and systems for the electrical trade and industry and is regarded as a competent problem solver for all enclosure-related tasks. Spelsberg has stood for safety, high quality and technical performance for over 120 years and has its own VDE- and UL-certified test laboratories. The range includes over 5,000 widely available articles, including junction boxes, small distribution boards, terminal blocks, meter enclosures and industrial enclosures. Furthermore, the family-owned company develops, manufactures and markets enclosure as well as ready-to-wire systems tailored to customer-specific requirements. The enclosure specialist combines tradition and modernity: with the expansion into the e-mobility business sector, Spelsberg is positioning itself more broadly in the field of sustainable and forward-looking technologies.

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