

Press Release

Motor manufacturer Menzel advises on carbon brush care

Berlin – Carbon brushes appear to be cheap wear parts, but are actually important motor components that significantly affect a motor's properties, durability and overall performance. Many plant standstills could therefore be easily avoided through careful selection, professional handling and routine maintenance of the carbon brushes used in the motors, points out special motor manufacturer Menzel Elektromotoren from Berlin.

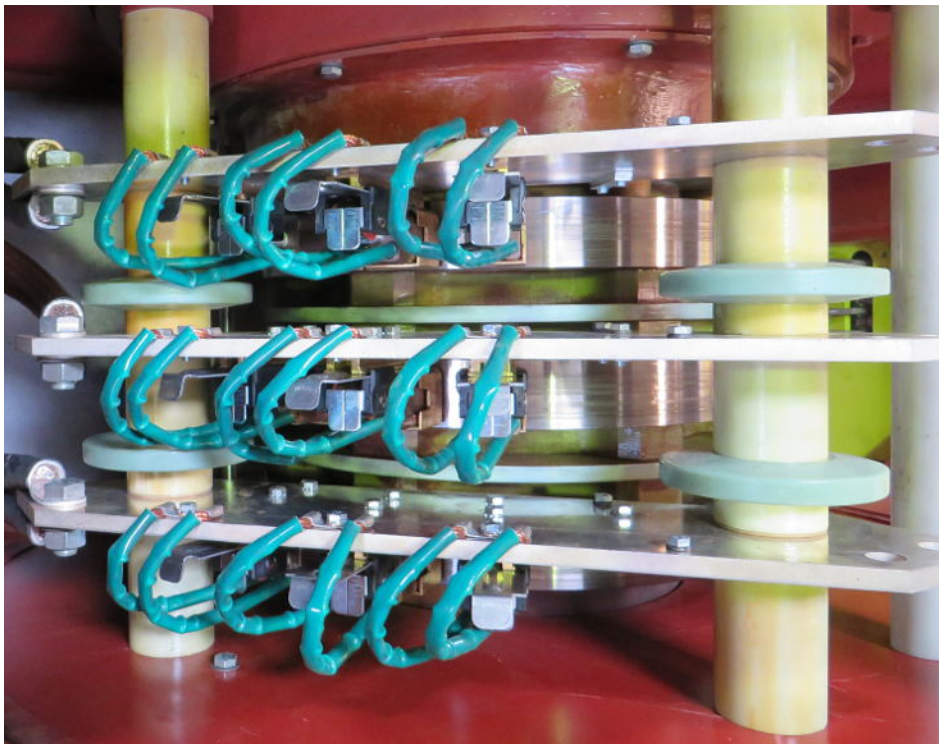


Illustration: High-quality brushes significantly affect the properties, durability and overall performance of a motor.

„Operators often underestimate how important the plant-specific selection and quality of carbon brushes is for a smooth-running operation“, says Mathis Menzel, third-generation CEO of the family-owned company. At one customer's plant, Menzel's engineers found that the failure of a brand-new motor after just 24 hours had been caused by unsuitable, locally purchased carbon brushes – not a rare case unfortunately. Brush sparking then led to the destruction of the slip ring surface. Aside from the material composition, the required brush quality also depends on location-specific factors such as humidity, ambient temperature, and uniformity of load. „Time and again we also encounter a need

for information regarding mechanical fit and manual handling of the brushes," says Mathis Menzel. „For example, one should never mix brushes of a different type or from different manufacturers and also never use brushes that are worn down more than 50%.“

Motor supplier Menzel supports operators in choosing suitable brushes for their application and provides comprehensive consultation in all matters ranging from quality of the material to the correct fit. The company offer their services and take questions 24 hours a day, all year round at info@menzel-motors.com.

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About Menzel Elektromotoren

Based in Berlin, Menzel Elektromotoren GmbH has been manufacturing and distributing electric motors for more than 90 years. The medium-sized company specializes in the delivery of large electric motors, including special models, within the shortest possible time. The product range comprises high and low voltage motors, DC motors, transformers, and frequency inverters. Services include motor production and short-term adaptation of stocked motors to application-specific requirements. In order to ensure fast deliveries to the customer at all times, the company maintains a very extensive inventory including more than 20,000 motors with a maximum performance of up to 15,000 kW. Qualified engineering, experienced staff, and state-of-the-art production and testing facilities help Menzel provide excellent reliability. Menzel operates subsidiaries in the UK, France, Italy, Spain, and Sweden, and cooperates with numerous partners worldwide.

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