

> SEMITRANS[®] 20

New standardised medium voltage package

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SEMITRANS20 overcomes the limits of conventional medium voltage module concepts and provides a new design approach for inverters in applications such as transportation, industrial drives and grid infrastructure. Optimised for the medium voltage market with the latest 3.3kV IGBTs, the SEMITRANS20 is designed as a half bridge configuration featuring a built-in temperature sensor and opposite DC and AC power terminals.

Compared to conventional modules, the stray inductance is reduced by up to 75%, thus providing higher operational safety and easy paralleling. The new SEMITRANS20 allows a higher degree of scalability and flexibility in medium voltage inverter design. The standardised package meets the increasing demands for lower cost, higher efficiency and durability for power electronics in industry, transportation and infrastructure.

Photo: SEMIKRON_Pressphoto_SEMITRANS20

About SEMIKRON

SEMIKRON is one of the world's leading manufacturers of power modules and systems primarily in the medium output range (approx. 2 kW up to 10 MW). Our products are at the heart of modern energy efficient motor drives and industrial automation systems. Further application areas include power supplies, renewable energies (wind and solar power) and utility vehicles. SEMIKRON's innovative power electronic products enable our customers to develop smaller, more energy efficient power electronic systems. These systems in turn reduce the global energy demand.

SEMIKRON is a family owned business founded in 1951, headquartered in Nuremberg, Germany. Today the company has a staff of more than 2,900 people in 25 subsidiaries world-wide. This international network with production sites in Germany, Brazil, China, France, India, Italy, Korea, Slovakia and the US ensures

fast and comprehensive service for customers. By establishing the ONLINE SHOP in 2009, SEMIKRON increased its presence for customers. The SEMIKRON ONLINE SHOP offers 24-hour availability and world-wide access with multi-language sales and technical support.

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