

SM10/20-TC1

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	sm1020-tc1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.07 kgs
Current	10 A
Voltage	520 V
Product Type	Inverter
Signal Level	520 V

Description

The Bosch Rexroth SM10/20-TC1 is a high-performance servo inverter drive designed for precise motion control applications. Part of the SERODYN-T series, this module offers a rated current of 10A and operates at a voltage of 520V, making it suitable for demanding industrial environments. Key features include a peak current capability of 20A, ensuring reliable performance under varying load conditions. The unit is housed in a compact form factor with dimensions of 31.0 cm in height, 40.0 cm in length, and 6.0 cm in width, facilitating easy integration into existing systems. Weighing approximately 7.0 kg, it offers a balance between durability and manageability. This servo inverter drive is ideal for applications requiring precise speed and torque control, such as robotics, CNC machinery, and automated production lines. Its robust design and advanced features make it a valuable component for enhancing operational efficiency and precision in industrial automation systems.