

## SINAMICS G110

### The New Variety for Variable Speed Drives

SINAMICS G110 is a frequency inverter with basic functions for a variety of industrial variable-speed drive applications.

The particularly compact SINAMICS G110 inverter operates with voltage frequency control on single-phase supplies (200 V to 240 V).

It is the ideal low-cost frequency inverter solution for the lower power range of the SINAMICS family.



### SINAMICS G110 – Its Strengths in Brief

- **Easy wiring**  
by using user-friendly connection terminals as for contactor and a ready to connect presetting
- **Uncomplicated engineering und parameterizing**  
with SIZER und STARTER tools and with the optional Basic Operator Panel (BOP)
- **Quick series comissioning**  
time saving copying of parameters with the Basic Operator Panel

### SINAMICS G110 – Technical Data

<b>Voltage and power ranges</b>	1AC 200 - 240 V, $\pm 10\%$ , 0.12 kW - 3 kW
<b>Operating temperature</b>	-10°C to +40°C
<b>Types of control</b>	linear V/f characteristic (with programmable voltage boost); quadratic V/f characteristic; multipoint characteristic (programmable V/f characteristic)
<b>Inputs / Outputs</b>	3 digital inputs; variant with analog input; variant with RS485 interface (USS protocol)

### SINAMICS G110 – Typical Uses

SINAMICS G110 is especially suited for use with pumps and fans, or as a drive in various industrial sectors, such as the food, textile and packaging industries. as well as for conveyor systems, factory gate and garage door drives, and as a universal drive for moving billboards and fitness equipment.

