



## GK210 Compact AC Drives

The **GK210** AC drives feature mini-size and compact design for easy installation and maintenance. The mature IGBT drive technology and optimized selection of hardware configuration, maximizing the performance of the drive system. The GK210 is capable of driving asynchronous motors, delivering a strong starting torque of 150% at 0.5Hz and 150% overload capability for 1 minute. The GK210 supports high-frequency output up to 3000Hz, meeting dedicated application requirements. The complete protections ensure stability and durability for general purpose industrial applications.

### COMPATIBILITY

ACIM

### CONTROL MODE

V/Hz control

### POWER RATINGS

3 x 200 ~ 240V      0.4kW - 2.2kW  
3 x 380 ~ 440V      0.75kW - 2.2kW

### HIGHLIGHTS

Start Torque @ 0.5Hz  
**150%**

Overload Capability  
**150%**

Speed Fluctuation  
**±0.5%**

Speed Control Accuracy  
**±0.5%**

Speed Regulation  
**1:100**

Torque Response <  
**10ms**

### I/O TERMINALS

DI	× 3	DO	× 1	Relay output	× 1	Communication port	× 1
AI	× 1	AO	× 1	485	× 1		

**MINIMIZED PROFILE, COMPACT POWER,  
EXCELLENT PERFORMANCE**

**WHY  
CHOOSE  
GK210**



- Book-type design.
- Stacked architecture for easy installation and maintenance.
- Independent airflow design.
- Temperature rise below **40°C**.
- Supports DIN-Rail mounting.
- Supports side-by-side installation.



- Multi-mode V/Hz algorithm to meet various dedicated requirements.
- Comprehensive current and voltage control algorithms to maximize fault-free operation of the system.
- Wide frequency output range: 0-3000Hz.
- Mature IGBT drive technology.
- Optimized selection of hardware parameters, and the drive performance is maximized.



- Multiple overcurrent protection and hardware/software overvoltage protection.



- Customized software based on customer requirements.



▼ External keypad

- External keypad for convenient on-site commissioning.
- High resolution potentiometer on keypad.

▼  
Fixed local  
keypad not  
removable from  
top cover.



Machine tools, textiles, woodworking, mining, food-processing, chemicals, plastics, cables, crane & hoist, ceramics, fans, pumps, etc.

Scan QRCode for  
models & dimensions  
of GK210

Contact GTAKE for more products and solutions.

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