

Motor Speed Controller

GSK Series

GSK Series Built-In Digital Speed Controller

Features

- MCU digital control technology that features great variety of functions and excellent performance.
- Digital display menu that is easy to change settings.
- Set magnification and automatic conversion into target value to meet with customer needs.
- External switch control is available for MCS control between 1-10V.
- MCS can automatically match the highest speed to achieve convenient and safe adjustment and control.
- Stalling protection to protect the motor and speed regulator from being damaged due to the stalling.
(This function can protect stalling-related overload, but cannot protect non-stalling-related overload)



Motor Drive Controller

Product Model Descriptions

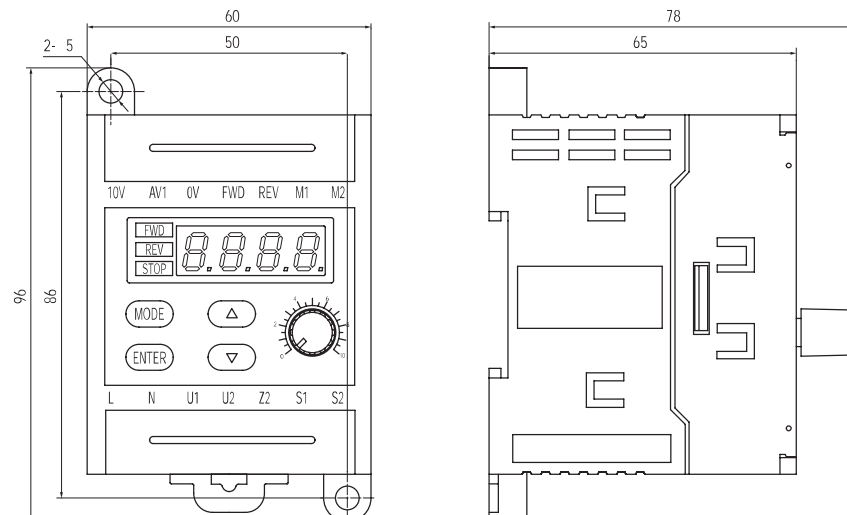
G	SK	B		C1	
(1)	(2)	(3)	(4)	(5)	(6)

(1) Corporate code	G
(2) Name	SK: Built-in speed controller; STK: Built-in torque speed controller
(3) Functions	B: With mechanical brake interface; when mechanical brake is not available, it is defaulted as (NA)
(4) Applicable for the power of speed control motor	Under 200W
(5) Power voltage	C1: Single-phase 110V; C2: Single-phase 220V
(6) Additional functions	D: Multi-spectral (defaulted to be optional); R: 485 communication; Z: With fault output interface; select 1 out of 3 additional functions

Technical Parameters

Model	GSK200C2	GSK200C1	GSKB200C2	GSKB200C1
Installation method	Built-in			
Supply voltage	Single phase 220V	Single phase 110V	Single phase 220V	Single phase 110V
Power frequency	50Hz/60Hz			
Applicable motor	RK series speed control motor			
Operating capacitance	External (placed inside the variable-speed motor, to be connected by the users on their own)			
Motion control	Control with external switch, speed regulation, slow acceleration, slow deceleration, fast stop, 4-speed range			
Speed range	90~3000r/min (to be set up by users according to the pole numbers of the motor, power frequency and service requirements)			
Applicable service environment	Ambient temperature: -10℃ ~45℃ (free of freezing), ambient humidity: below 85% (free of condensation)			

Outline Dimension

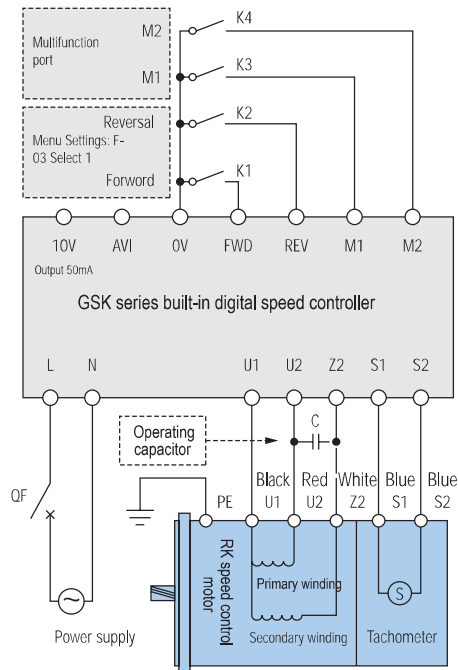


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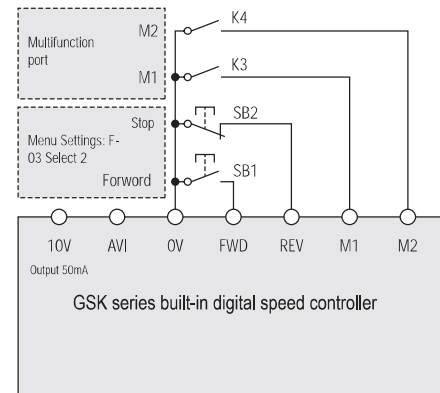
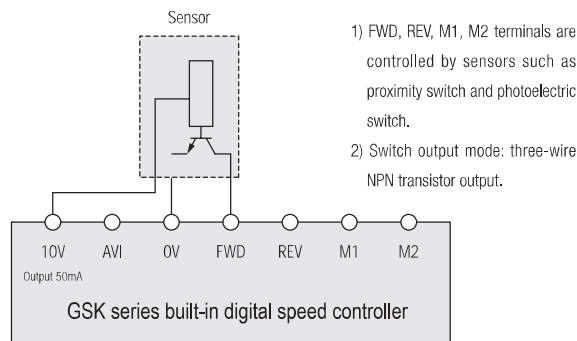
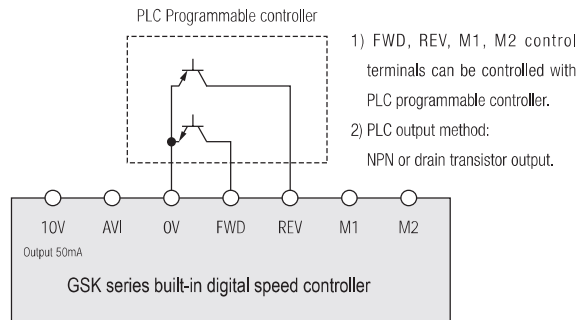
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GSK Series Multi-Speed Wiring Diagram



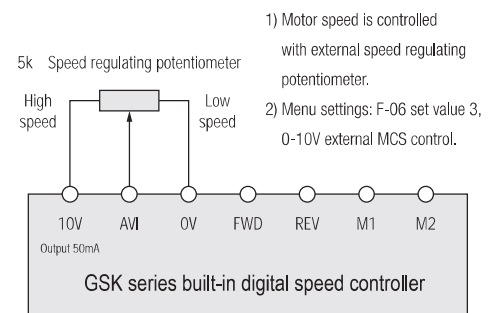
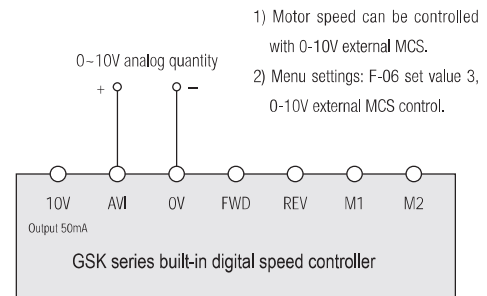
- The maximum output current at 10V terminal is 50mA.



- Current specifications of QF circuit breaker

Supply voltage	Motor power	QF Current specifications
220V	6~200W	2A
220V	200W	3A
110V	6~200W	4A
110V	200W	6A

The power supply voltage must be consistent with the power supply voltage of the driver. QF circuit breaker can protect the driver and variable-speed motor in case of short circuit.



Operating Instructions

- Please do not use the product in places that are explosive, have flammable gas, corrosive and places that are easy to catch water or places near combustible materials.
- Avoid continuous vibration and excessive shock.
- Make sure that the ground terminals are grounded.
- Installation, connection and inspections must be carried out by technical professionals.