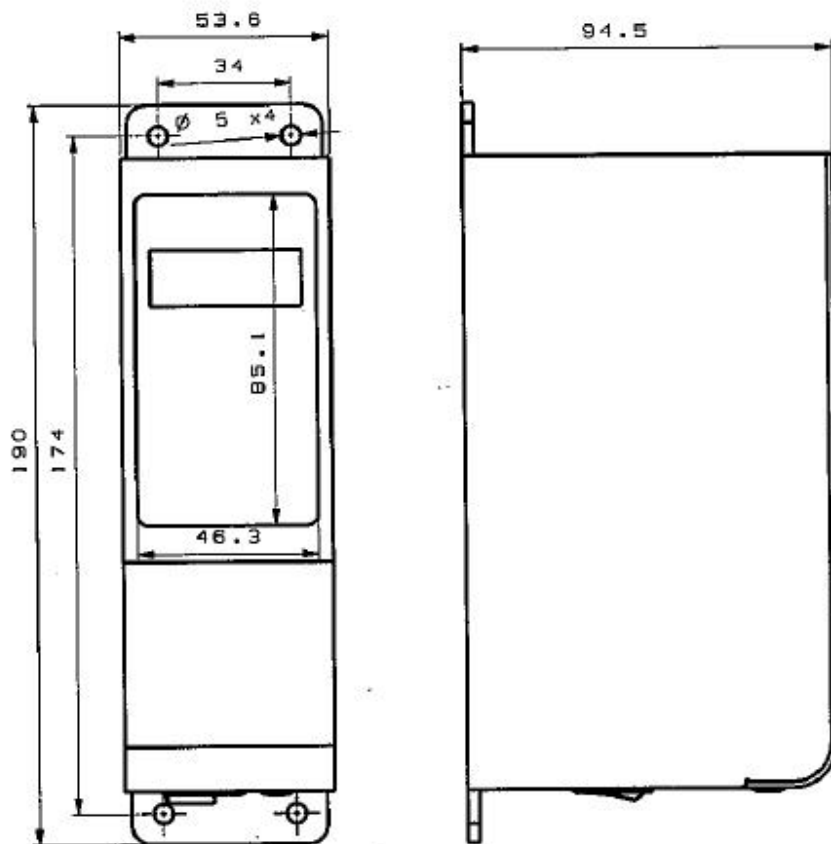


Controller Dimension

Outline dimensions of the controller model: SDVC31-S AND SDVC31-M
(unit-mm)



The controller is specially designed for controlling vibratory feeder in the automation systems. Combined with the latest electronic technology and elaborate design, the controller provides the following convenient and practical features:

Frequency Adjusting: Output Frequency ranges from 40.0Hz to 400.0Hz.

Voltage Adjusting: Output Voltage ranges from 0V to 260V.

Automatic Voltage Stabilizing: The controller can eliminate feeding speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the work pieces, the controller can gently increase output voltage from 0 to the pre-set value when startup.

Intelligent Photoelectric Sensing: Our adaptive Intelligent Photoelectric Sensor can help to stall the controller when work-pieces are full or work-piece is empty and to fulfill the functions of Soft Startup Time Setting, Startup Delay, Shutdown Delay, and Logical Relation Adjusting.

Halt when Work-pieces are full: A NPN switch sensor can help to halt the controller when work-pieces are full and to fulfill the functions of Soft Startup Time Setting, Startup Delay, Shutdown Delay, and Logical Relation Adjusting.

Acceleration: Due to this function, maximum output voltage value of the controller can be increased up to 150% of the input voltage value.

Remote Speed Control: Output Voltage of the controller can be controlled by an external potentiometer, a PLC, or voltage control signal ranging from 1V to 5V.

Controlling Output: The Controlling Output signal outgoing from the transistor can coordinate a solenoid or other external devices with the controller.

Keypad Locking: Press the ON/OFF button and hold for 2 seconds to lock all buttons for fear of false operation.

Maximum Output Restriction: Maximum Output Voltage value can be preset to protect the equipment from damage caused by misuse.

Waveform Index Setting: Operators can weight efficiency and maximum capacity by adjusting this parameter.

Default Settings Restoration: This function allows the user to restore all default parameter settings and reset the controller.

CUH attaches great importance to the product quality management and safety performance. Apart from the high-quality components we use and rigorous quality control system, CUH has taken account of possible accidents users may encounter and provides the following protective functions to maximum the controller's practicability.

Short-Circuit Protection: If output of the controller is short-circuited, the controller will halt its output until restarted.

Current Overload Protection: The controller will halt its output to ensure equipments' operating safety when operation current exceeds its rated value.

Overheat Protection: The controller will halt its output to protect itself when operation temperature is too high.