Nanjing CUH Science & Technology Co.,Ltd

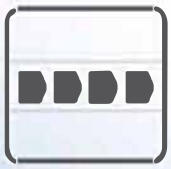
Vibratory Feeder Controller Expert
Provide The Most Professional Service

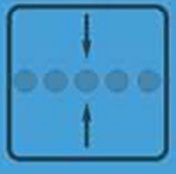
Catalog of Vibratory Feeder Controllers

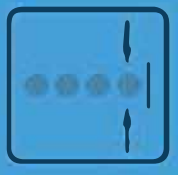
CUH Nanjing CUH Science & Technology Co., Ltd

CUH 創優虎®

Vibratory Feeder Controller Expert
Provide The Most Professional Service







CUH is a high-tech enterprise which co-operates with Southeast University, Nanjing University of Science and Technology and some others. We mainly research, develop and produce automatic feeding systems and intelligent production equipments. Relying on the precise and pragmatic work attitude and strong technical force, CUH has gained a high popularity in domestic and international vibratory feeding fields by our reliable and stable products after a long and unremitting effort.

CUH has developed products which are well known and universally acknowledged in the vibratory feeding world through self-directed innovation and formed a complete product line from entry-level to high-end. CUH has become the leader of vibratory feeder controller by our stable, reliable, efficient and energy saving products. We can provide solutions to all kinds of control, drive and power supply requirements.

CUH is devoted to provide total solutions of vibratory feeding. You can get not only independent components, but a complete intelligent feeding system which has automatic setting, automatic monitoring and automatic adjusting functions.

ISO9001 Quality Management Systems Certificated

European CE Certificated

Stable. Reliable. Flexible. Efficient

www.cuh-controller.com

No.1 Xiaodong Road, Chenguang Village, Qilin, Nanjing, Jiangsu, China

SDVC11-S

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	150	260	V	AC RMS Vaule
Output Voltage	6	260	V	Less than Input Voltage
Output Current	0	4	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Waveform	Tangent Sine			
Soft Startup Time	0.2			
Response Time of Voltage Adjustment	0	0.02	s	
Voltage Adjustment Accuracy	0	3	V	△Vin = 10%
Work Space Temperature	0	40	℃	No condensation
Work Space Humidity	10	85	%	

Model

SDVC11-S:4A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Linear Voltage Control: Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:140*58*60(L*W*H, mm)
Weight:200g (without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

SDVC11-M

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	150	260	V	AC RMS Vaule
Output Voltage	6	260	V	Less than Input Voltage
Output Current	0	6	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Waveform	Tangent Sine			
Soft Startup Time	0.2		s	
Response Time of Voltage Adjustment	0	0.02	s	
Voltage Adjustment Accuracy	0	3	V	△Vin = 10%
Work Space Temperature	0	40	℃	No condensation
Work Space Humidity	10	85	%	

Model

SDVC11-M:6A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation .

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Linear Voltage Control: Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:200*53*118(L*W*H, mm)

Weight:430g (without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

SDVC13

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	150	260	V	AC RMS Vaule
Output Voltage	6	260	V	Less than Input Voltage
Output Current	0	5	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Waveform	Tangent Sine			
Soft Startup Time	0.2		s	
Response Time of Voltage Adjustment	0	0.02	s	
Voltage Adjustment Accuracy	0	3	V	△Vin = 10%
Work Space Temperature	0	40	℃	No condensation
Work Space Humidity	10	85	%	

Model

SDVC13 : 5A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation .

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Linear Voltage Control: Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*53*68(L*W*H, mm)

Weight:260g (without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

SDVC14

Variable Voltage Digital Control Model for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	150	260	V	AC RMS Vaule
Output Voltage	6	260	V	Less than Input Voltage
Output Current	0	4	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Waveform	Tangent Sine			
Soft Startup Time	0.2		s	
Response Time of Voltage Adjustment	0	0.02	s	
Voltage Adjustment Accuracy	0	3	V	△Vin = 10%
Work Space Temperature	0	40	℃	No condensation
Work Space Humidity	10	85	%	

Model

SDVC14：4A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation .

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Linear Voltage Control: Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:102*63*27(L*W*H, mm)

Weight:92g (without accessory)

SDVC20-S

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than Input Voltage
Output Current	0	5	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Power	0	1100	VA	
Output Waveform	Tangent Sine			
Voltage Adjustment Accuracy	1		V	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	11	13	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	4		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			4 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC20-S:5A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control pins. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

DC Control Output: The controller can output low voltage DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:111*76*48.5(L*W*H, mm)
Weight:285g (without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)
- DB315 Signal Control Interface

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC20-L

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	440	V	AC RMS Vaule
Output Voltage	0	440	V	Less than Input Voltage
Output Current	0	10	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Power	0	2200	VA	
Output Waveform	Tangent Sine			
Voltage Adjustment Accuracy	1		V	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	4		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			4 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC20-L:10A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control pins. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

DC Control Output: The controller can output low voltage DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:180*106*58(L*W*H, mm)
Weight:960g (without accessory)

Standard Accessories

●DB315 Signal Control Interface

Optional Accessorie

●Intelligent Photoelectric Sensor(1.2m)

SDVC20-XL

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	440	V	AC RMS Vaule
Output Voltage	0	440	V	Less than Input Voltage
Output Current	0	16	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Power	0	6080	VA	
Output Waveform	Tangent Sine			
Voltage Adjustment Accuracy	1		V	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	4		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			4 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC20-XL:16A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has a ON/OFF control connector. Switch sensor or PLC can be connected to it to turn on/off the controller.

DC Control Output: The controller can output low voltage DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:210*190*100(L*W*H, mm)

Weight:2300g(without accessory)

SDVC21

Variable Voltage Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than Input Voltage
Output Current	0	6	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Power	0	1320	VA	
Output Waveform	Tangent Sine			
Voltage Adjustment Accuracy	1		V	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC21:6A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

DC Control Output: The controller can output low voltage DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*55*100(L*W*H, mm)

Weight:550g(without accessory)

Standard Accessories

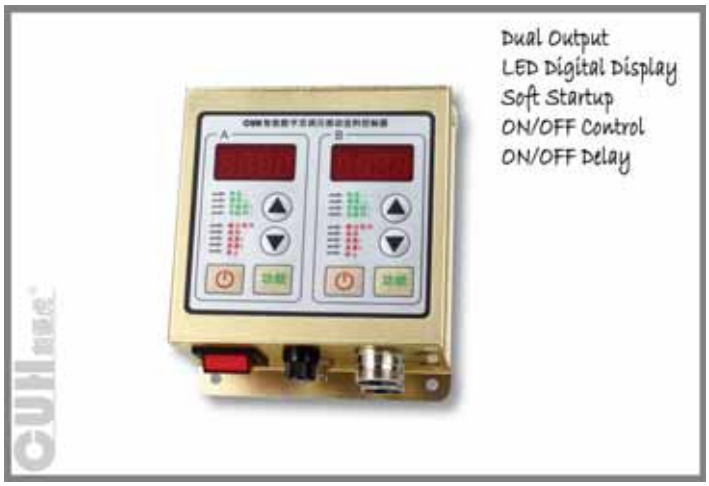
- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC22-S

Variable Voltage Digital Controller for Vibratory Feeder



Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than Input Voltage
Output Current	0	5	A	
Output Frequency	50/100		Hz	Mains Frequency is 50Hz
	60/120		Hz	Mains Frequency is 60Hz
Output Power	0	1100	VA	
Output Waveform	Tangent Sine			
Voltage Adjustment Accuracy	1		V	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	8		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			8 Buttons + 2LED Screens
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC22-S:5A

Features

Automatic Voltage Regulation: Eliminate feed speed variation caused by mains voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Remote ON/OFF Control: Each side of the controller has 2 groups of ON/OFF control pins. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

DC Control Output: The controller can output low voltage DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:130*106*57.5(L*W*H, mm)
Weight:500g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)*2
- DB315 Signal Control Interface*2

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC30

Variable Frequency Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	1.5	A	
Output Frequency	40	400	Hz	
Output Power	0	330	VA	
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC30:1.5A

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has one ON/OFF control connector. Switch sensor or PLC can be connected to it to turn on/off the controller.

Control Panel Lock: Lock all buttons on the control panel by pressing the ON/OFF button and hold for 2 seconds to prevent misoperation.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*55*100(L*W*H, mm)

Net Weight:600g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

SDVC31-S、SDVC31-M

Variable Frequency Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	1.5	A	SDVC31-S
	0	3.0	A	SDVC31-M
Output Frequency	40	400	Hz	
Output Power	0	330	VA	SDVC31-S
	0	660	VA	SDVC31-M
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC31-S :1.5A
SDVC31-M:3.0A

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Control Panel Lock: Lock all buttons on the control panel by pressing the ON/OFF button and hold for 2 seconds to prevent misoperation.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*53.6*94.5(L*W*H, mm)
Weight:SDVC31-S:560g(without accessory)
SDVC31-M:610g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC31-L、SDVC31-XL

Variable Frequency Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	4.5	A	SDVC31-L
	0	6.0	A	SDVC31-XL
Output Frequency	40	400	Hz	
Output Power	0	990	VA	SDVC31-L
	0	1320	VA	SDVC31-XL
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC31-L:4.5A
SDVC31-XL:6.0A

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Control Panel Lock: Lock all buttons on the control panel by pressing the ON/OFF button and hold for 2 seconds to prevent misoperation.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*147. 8*94.5(L*W*H, mm)
Weight:SDVC31-L:1675g(without accessory)
SDVC31-XL:1720g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC31-U、SDVC31-XU

Variable Frequency Digital Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
InputVoltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	10	A	SDVC31-U
	0	20	A	SDVC31-XU
Output Frequency	40	400	Hz	
Output Power	0	2200	VA	SDVC31-U
	0	4400	VA	SDVC31-XU
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC31-U:10A
SDVC31-XU:20A

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Control Panel Lock: Lock all buttons on the control panel by pressing the ON/OFF button and hold for 2 seconds to prevent misoperation.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*242*94.5(L*W*H, mm)
Weight:SDVC31-U:2140g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC34-M

Variable Frequency Intelligent Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	3	A	SDVC34-M SDVC34-MR SDVC34-MJ SDVC34-MRJ
Output Frequency	40	400	Hz	
Output Power	0	660	VA	SDVC34-M SDVC34-MR SDVC34-MJ SDVC34-MRJ
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC34-M : 3.0A
SDVC34-MR : 3.0A(RS485)
SDVC34-MJ : 3.0A(Count)
SDVC34-MRJ : 3.0A(RS485 & Count)

Features

Auto FM: Automatic output frequency modulation in real time to ensure the vibratory feeder will always work at its best vibration frequency.

Auto Constant Speed Control: Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the feed material in the vibratory feeder.

Auto Frequency Measuring: Automatically measure and output the best vibration frequency of the vibratory feeder.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Sync Output Waveforms: Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Automatic Switch Sensor Type Recognition: The controller can recognize and adapt to both NPN and PNP type switch sensors.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage/feed speed from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Remote Speed Control: Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V/4-20mA DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

RS485 Communication: All parameters of the controller can be adjusted via RS485 communication ports (for SDVC34-MJ &SDVC34-MRJ)

Counting: Count number of the feed material. The controller will slow down or stop feeding when count up to preset value. (for SDVC34-MR & SDVC34-MRJ)

Dimensions & Weight

Dimensions:190*56*94.5(L*W*H, mm)
Weight:SDVC34-M:560g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Vibration Sensor

Standard Accessory
- Vibration Sensor(16G, 1.2m)

Optional Accessories
- Vibration Sensor(35G, 1.2m)
- Vibration Sensor(50G, 1.2m)
- Vibration Sensor(70G, 1.2m)

SDVC34-XL

Variable Frequency Intelligent Controller for Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
InputVoltage	85	260	V	AC RMS Vaule
Output Voltage	0	260	V	Less than 150% of Input Voltage
Output Current	0	6	A	SDVC34-XL SDVC34-XLR SDVC34-XLJ SDVC34-XLR J
Output Frequency	40	400	Hz	
Output Power	0	1320	VA	SDVC34-XL SDVC34-XLR SDVC34-XLJ SDVC34-XLR J
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC34-XL : 6.0A
SDVC34-XLR : 6.0A(RS485)
SDVC34-XLJ : 6.0A(Count)
SDVC34-XLRJ : 6.0A(RS485 & Count)

Features

Auto FM: Automatic output frequency modulation in real time to ensure the vibratory feeder will always work at its best vibration frequency.

Auto Constant Speed Control: Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the feed material in the vibratory feeder.

Auto Frequency Measuring: Automatically measure and output the best vibration frequency of the vibratory feeder.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Sync Output Waveforms: Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Automatic Switch Sensor Type Recognition: The controller can recognize and adapt to both NPN and PNP type switch sensors.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage/feed speed from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Remote Speed Control: Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V/4-20mA DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

RS485 Communication: All parameters of the controller can be adjusted via RS485 communication ports (for SDVC34-MJ &SDVC34-MRJ)

Counting: Count number of the feed material. The controller will slow down or stop feeding when count up to preset value. (for SDVC34-MR & SDVC34-MRJ)

Dimensions & Weight

Dimensions:190*147. 8*94.5(L*W*H, mm)
Weight:SDVC34-XL:1930g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Vibration Sensor

Standard Accessory
- Vibration Sensor(16G, 1.2m)

Optional Accessories
- Vibration Sensor(35G, 1.2m)
- Vibration Sensor(50G, 1.2m)
- Vibration Sensor(70G, 1.2m)

SDVC40

Variable Frequency Digital Controller for Piezo Vibratory Feeder

Technical Specifications

Item	Range MIN	Range MAX	Unit	Description
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	220	V	Less than Input Voltage
Output Current	0	200	mA	
Output Frequency	40	400	Hz	
Output Power	0	44	VA	
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC40 : 200mA

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V/4-20mA DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*53.6*94.5(L*W*H, mm)

Weight:695g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

SDVC41

Variable Frequency Intelligent Controller for Piezo Vibratory Feeder

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
Input Voltage	85	260	V	AC RMS Vaule
Output Voltage	0	220	V	Less than 150% of Input Voltage
Output Current	0	150	mA	
Output Frequency	40	400	Hz	
Output Power	0	33	VA	
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC41-M : 150mA
SDVC41-MR(RS485) : 150mA
SDVC41-MJ(Count) : 150mA
SDVC41-MRJ(RS485 & Count) : 150mA

Features

Auto FM: Automatic output frequency modulation in real time to ensure the vibratory feeder will always work at its best vibration frequency.

Auto Constant Speed Control: Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the feed material in the vibratory feeder.

Auto Frequency Measuring: Automatically measure and output the best vibration frequency of the vibratory feeder.

Automatic Voltage Regulation: Eliminate both feed speed variation caused by mains voltage fluctuation and beat effect caused by industrial AC frequency.

Sync Output Waveforms: Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Automatic Switch Sensor Type Recognition: The controller can recognize and adapt to both NPN and PNP type switch sensors.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage/feed speed from 0 to the preset value when startup.

Preset Speeds: 4 preset feed speeds can be stored and output by external short-circuit signal.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Remote Speed Control: Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V/4-20mA DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

RS485 Communication: All parameters of the controller can be adjusted via RS485 communication ports (for SDVC41-MJ &SDVC41-MRJ)

Counting: Count number of the feed material. The controller will slow down or stop feeding when count up to preset value. (for SDVC41-MR & SDVC41-MRJ)

Dimensions & Weight

Dimensions:190*56*94.5(L*W*H, mm)
Weight:SDVC41-M:600g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Vibration Sensor

Standard Accessory
- Vibration Sensor(16G, 1.2m)

Optional Accessories
- Vibration Sensor(35G, 1.2m)
- Vibration Sensor(50G, 1.2m)
- Vibration Sensor(70G, 1.2m)

SDVC50
Variable Frequency Digital Controller for Vibratory Feeder (Low Voltage DC Input)

Technical Specifications

Item	Range		Unit	Description
	MIN	MAX		
InputVoltage	12	36	V	Low-Voltage DC
Output Voltage	0	36	V	Less than 150% of Input Voltage
Output Current	0	5	A	
Output Frequency	40	400	Hz	
Output Power	0	180	VA	
Output Waveform	Sine			
Voltage Adjustment Accuracy	1		V	
Frequency Adjustment Accuracy	0.1		Hz	
ON/OFF Delay	0	20	s	
ON/OFF Delay Accuracy	0.1		s	
Soft Startup Time	0	10	s	
DC Control Output Voltage	22	26	V	DC Output associated with ON/OFF Control
DC Control Output Current	0	200	mA	
Standby Power Consumption	1.5	3	w	
Display Method	5		digit	LED Digital Tube
Control Method	1-5		V	Remote Speed Control Voltage
	Standard TTL Electric Level			Switching Signal
	/			6 Buttons + LED Screen
Work Space Temperature	-10	60	℃	Non-condensing
Work Space Humidity	10	85	%	

Model

SDVC50：5A

Features

Frequency Adjustment: Users can adjust output frequency of the controller to best vibration frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

Automatic Voltage Regulation: Eliminate feed speed variation caused by input voltage fluctuation.

Soft Startup: In order to avoid sudden shock to the feed material and vibratory feeder, the controller can gently increase output voltage from 0 to the preset value when startup.

Remote ON/OFF Control: The controller has 2 groups of ON/OFF control ports. Switch sensor or PLC can be connected to them to turn on/off the controller.

Photoelectric ON/OFF Control: The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

Remote Speed Control: Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

24V DC Control Output: The controller can output 24V DC power associated with logical relation setting of the ON/OFF Control to drive a solenoid, an electrical relay or other external devices.

Control Panel Lock: Lock all buttons on the control panel by pressing the ON/OFF button and hold for 2 seconds to prevent misoperation.

Max Adjustable Output Voltage: Max Adjustable Output Voltage can be preset to protect the vibratory feeder from damage caused by high voltage.

Overheat Protection: If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

Overcurrent Protection: If output current exceeds its rated value by misoperation, the controller will stop its output to protect the controller and vibratory feeder.

Short-Circuit Protection: If output of the controller is short-circuited, the fuse inside the controller will be blown to protect the controller and vibratory feeder from further damage.

Dimensions & Weight

Dimensions:190*53.6*94.5(L*W*H, mm)
Weight:560g(without accessory)

Standard Accessories

- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Optional Accessorie

- Intelligent Photoelectric Sensor(1.2m)

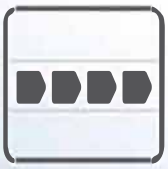
Function Table

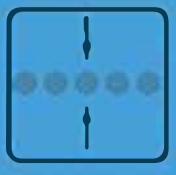
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	LED Digital Display	380/220/110 AC Input	220/110 AC Input	220 AC Input	Low Voltage DC Input	Output Voltage Adjustment	Output Frequency Adjustment	Auto Voltage/Frequency Adjustment	Auto Voltage Regulation	Auto Constant Speed Control	Soft Startup	Sync Output Waveforms	Preset Speeds	Photoelectric Sensor ON/OFF Control	Switch Signal ON/OFF Control	2-Way Switch Signal ON/OFF Control	Remote Speed Control	DC Control Output	RS485 Communication	Counting	Max Adjustable Output Voltage	Control Panel Lock	Overheat Protection	Overcurrent Protection	Short-Circuit Protection	Controller Reset
SDVC11-S				√		√			√		√												√	√	√	
SDVC11-M				√		√			√		√												√	√	√	
SDVC13				√		√			√		√												√	√	√	
SDVC14				√		√			√		√												√	√	√	
SDVC20-S	√		√			√			√		√		√	√	√	√	√	√			√		√	√	√	√
SDVC20-L	√	√				√			√		√		√	√	√	√	√	√			√		√	√	√	√
SDVC20-XL	√	√				√			√		√			√	√			√			√		√	√	√	√
SDVC21	√		√			√			√		√		√	√	√	√	√	√			√	√	√	√	√	√
SDVC22-S	√		√			√			√		√		√	√	√	√	√	√			√		√	√	√	√
SDVC30	√		√			√	√		√		√				√						√	√	√	√	√	√
SDVC31 Series	√		√			√	√		√		√			√	√	√	√	√			√	√	√	√	√	√
SDVC34 Series	√		√			√	√	√	√	√	√	√	√		√	√	√	√	○	○	√	√	√	√	√	√
SDVC40	√		√			√	√		√		√			√	√	√	√	√			√	√	√	√	√	√
SDVC41	√		√			√	√	√	√	√	√	√	√		√	√	√	√	○	○	√	√	√	√	√	√
SDVC50	√				√	√	√		√		√			√	√	√	√	√			√	√	√	√	√	√

Note: O represents optional function

CUH 創優虎®

Vibratory Feeder Controller Expert
Provide The Most Professional Service





CUH is a high-tech enterprise which co-operates with Southeast University, Nanjing University of Science and Technology and some others. We mainly research, develop and produce automatic feeding systems and intelligent production equipments.Relying on the precise and pragmatic work attitude and strong technical force, CUH has gained a high popularity in domestic and international vibratory feeding fields by our reliable and stable products after a long and unremitting effort.

CUH has developed products which are well known and universally acknowledged in the vibratory feeding world through self-directed innovation and formed a complete product line from entry-level to high-end. CUH has become the leader of vibratory feeder controller by our stable, reliable, efficient and energy saving products. We can provide solutions to all kinds of control, drive and power supply requirements.

CUH is devoted to provide total solutions of vibratory feeding. You can get not only independent components, but a complete intelligent feeding system which has automatic setting, automatic monitoring and automatic adjusting functions.

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