



BlackStarTM

Affordable Excellency

ADVANCED CONTROL FOR EVERY VIBRATION



AUTOMATION



PRODUCTIVITY



RELIABILITY



ANALOG

VIBRATOR CONTROLLERS

PRECISE CONTROL. STABLE FEEDING.
RELIABLE PERFORMANCE.

Blackstar Analog Vibrator Controllers provide reliable and smooth vibration control for electromagnetic bowl and linear feeders. Designed for stable performance and easy operation, they ensure consistent material feeding in various industrial applications.

SIMPLE
DURABLE
EFFICIENT



Vibrocon IV



Vibrocon 10



Vibrocon 15



BVC-6+



BVC-10+

MODEL SPECIFICATIONS

MODEL	CURRENT	INPUT SUPPLY	OUTPUT VOLTAGE	PHASE
Vibrocon IV	4 Amp	220 - 260 V 50 Hz	0-240 V	Single Phase
Vibrocon 10	10 Amp	220 - 260 V 50 Hz	0-240 V	Single Phase
Vibrocon 15	15 Amp	220 - 260 V 50 Hz	0-240 V	Single Phase
BVC-6+	6 Amp	220 - 260 V 50 Hz	0-240 V	Single Phase
BVC-10+	10 Amp	220 - 260 V 50 Hz	0-240 V	Single Phase

KEY FEATURES



Smooth Vibration



Energy-efficient operation



Reliable performance



Overload protection &
fast-acting fuse



Easy Start and Profitable work



Easy installation



Longer equipment life



Stable vibration & consistent
material feeding

APPLICATIONS & INDUSTRIES



PACKAGING



PHARMACEUTICAL



FOOD PROCESSING



AUTOMOTIVE



ELECTRONICS



MANUFACTURING



AUTOMATION

DIGITAL

VIBRATOR CONTROLLERS

PRECISE CONTROL. STABLE FEEDING.
RELIABLE PERFORMANCE.

Blackstar Digital Vibrator Controllers are designed with advanced digital technology to deliver accurate and consistent control for electromagnetic vibratory feeders. Built for modern industrial applications, they ensure smooth material feeding, higher productivity and reliable performance.



BVC-72



BVC-6D



BVC-10D



BVC-15D



BVC-25D

MODEL SPECIFICATIONS

MODEL	CURRENT	INPUT SUPPLY	OUTPUT VOLTAGE	PHASE
BVC-72	3 Amp	85 – 265 / 415 V AC	0 – 220 V AC	Single Phase
BVC-6D	6 Amp	85 – 265 / 415 V AC	0 – 220 V AC	Single Phase
BVC-10D	10 Amp	85 – 265 / 415 V AC	0 – 220 V AC / 415 V AC	Single Phase / Two Phase
BVC-15D	15 Amp	85 – 265 / 415 V AC	0 – 220 V AC / 415 V AC	Single Phase / Two Phase
BVC-25D	25 Amp	0– 415 V AC	0 – 220 V AC / 415 V AC	Single Phase / Two Phase

KEY FEATURES



Precise voltage control via potentiometer or 4–20 mA signal



Energy-efficient operation



PNP/NPN Sensor Connectivity



Overload protection & fast-acting fuse



PLC Connectivity 0-5V , 0-10V (Optional)



RS-485 with RTU Modbus



Stable vibration & consistent material feeding

KEY BENEFITS OF DIGITAL VIBRATOR CONTROLLERS



RS 485
Long-distance capability allows communication over distances



Stable & Consistent Performance
Maintains uniform feeding



Easy Adjustment
Digital settings for quick and accurate control.



Better Reliability
Reduced downtime and longer life.



Wide Input Voltage Range
Wide Input
Operates smoothly in varying conditions.



PLC Compatibility
4 – 20 mA control for automation.



Cost Efficient
Improves productivity and reduces material wastage.



**SMARTER FEEDING.
GREATER PRODUCTIVITY.**

FREQUENCY

VIBRATOR CONTROLLERS

VARIABLE FREQUENCY CONTROL FOR SMOOTH,
PRECISE AND EFFICIENT FEEDING

BlackStar Frequency Vibrator Controllers are designed to provide accurate frequency and voltage control for bowl and liner feeders. These digital controllers ensure smooth vibration, consistent feed rates and reliable performance for a wide range of industrial applications. With advanced control features

**Higher
Control.**
**Better
Performance.**



BVC-4D-F



BVC-6D-F



BVC-10D-F

MODEL SPECIFICATIONS

MODEL	CURRENT	INPUT SUPPLY	OUTPUT VOLTAGE	PHASE
BVC-4D-F	4 Amp	85 – 265 V AC	0 – 220 V AC	Single Phase
BVC-6D-F	6 Amp	85 – 265 V AC	0 – 220 V AC	Single Phase
BVC-10D-F	10 Amp	85 – 265 V AC	0 – 220 V AC	Single Phase

KEY FEATURES

-  **Precise Frequency Control**
20-200hz Accurate adjustment for optimized vibration
-  **Smooth Feed Rates**
Ensures consistent and uniform material flow
-  **Soft Start Function**
Reduces startup jerks and mechanical stress
-  **Energy Efficient**
Consumes less power for higher productivity
-  **Stable & Reliable Operation**
Designed for continuous industrial use
-  **PLC Integration**
Supports 4 – 20 mA , 0-5V , 0-10V (Optional) control and retransmission
-  **RS-485 with RTU Modbus**

*Smart Vibration Control
for a More Productive Tomorrow*

SHUTTER & POKER FREQUENCY

VIBRATOR CONTROLLERS

RELIABLE CONTROL FOR SMOOTH
MATERIAL FLOW

BlackStar Motor Vibrator Controllers are designed to provide precise control of vibratory motors used in shutter systems, hoppers, chutes and material handling applications. These controllers allow frequency for smooth, consistent material flow, ensuring efficient



40 AMP



80 AMP

TECHNICAL SPECIFICATIONS - 40AMP

Current	40 Amp
Input Voltage	415 V / 50Hz /
Output Voltage	42 V / 200Hz / 3 Phase
Frequency Range	0- 200 Hz
Connector	Industrial Grade, 200 Hz Compatible
Power	2000 Watt

TECHNICAL SPECIFICATIONS - 80AMP

Current	80 Amp
Input Voltage	415 V / 50 Hz / 3 Phase
Output Voltage	42 V / 200 Hz
Frequency Range	0 - 200 Hz
Connector	Industrial Grade, 200 Hz Compatible
Power	2000 Watt

KEY BENEFITS



Adjustable vibratoin

Optimizes material
flow as per
requirement



Variable frequency Control

0 - 200 Hz for
precise operation



Overload & Short-circuit Protection

Ensures safe and reliable
performance



Industrial-Grade Connectivity

200 Hz compatible
Connectors



Consistent Material Flow

Improves feeding
efficiency and reduces
blockages



Efficient Operation

Reliable and
Durable for
continuous use

USE IN APPLICATION



Hoppers



Chutes



Vibratory Feeders



Material Handling
Applications



Various Industrial
Vibration Applications

IOT DATA LOGGER

VIBRATOR CONTROLLERS

REAL-TIME MONITORING
FOR A SMARTER TOMORROW

Reliable IoT Data Logger solutions for real-time monitoring and data recording. Designed for industries, cold storage, warehouses, manufacturing and remote locations.

**Monitor.
Record.
Analyze.
Anywhere.**

BASIC MODEL (NO DISPLAY)

A compact and reliable IoT Data Logger designed for real-time monitoring and data recording without a display. Ideal for cost-effective monitoring in industrial and remote locations.



ADVANCED MODEL (WITH TOUCH DISPLAY)

Advanced IoT Data Logger with display for real-time monitoring. Provides better visibility, smarter insights and complete control from anywhere. Ideal for industries, cold storage, manufacturing and remote locations.



KEY MONITORING PARAMETERS



Temperature
Monitoring



Humidity
Monitoring



Machine Current
& Voltage



Water / Liquid
Level Monitoring



Indoor & Outdoor
Air Quality



Battery
Monitoring



Production
Count



Alarm Notifications
Via SMS, Email & Web

APPLICATIONS



COLD STORAGE



WAREHOUSES



MANUFACTURING



REMOTE LOCATIONS



Mobile App
Access



Web Dashboard



Export Reports
(XLS / CVS / PDF / JPG / PNG)



Easy
Installation

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MONITORING SYSTEM

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Utility / Energy Monitoring System



HVAC Monitoring System



Vibration Monitoring System



Compressed Air System



Gas Monitoring System



Transformer Monitoring System



Steam Monitoring System



Agriculture Monitoring System



FLMS Monitoring System



Electrical Fault Monitoring System



Solar Monitoring System



Production Monitoring System

YOUR PARTNER IN PRECISION VIBRATION CONTROL

BUILT FOR TODAY
READY FOR TOMORROW



 QUALITY MANUFACTURING Durable and long-lasting products	 RELIABLE PERFORMANCE Stable and efficient operation	 TECHNICAL SUPPORT Expert guidance and service
 INNOVATIVE DESIGN For better control and accuracy	 CUSTOMIZED SOLUTIONS As per application requirement	 TRUSTED BY INDUSTRIES Growing with our customers

OUR SUPPLY NETWORK

SERVING INDUSTRIES ACROSS INDIA
AND BEYOND



**GLOBAL
PRESENCE**



**GLOBAL
SUPPORT**



**GLOBE
CUSTOMER**



Power | Precision | Performance



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