

Hopper control BS5

Characteristics



The hopper control BS5 series of microprocessor based units are used for controlling the speed of AC motors. The units produce an output frequency of 2 to 120Hz irrespective of the supply frequency. Rotational speed is displayed as a percentage.

There is an integrated level control function designed especially for materials handling applications. A soft start/stop ramp time can also be set.

A sensor „time out“ function switches the motor off when no product is detected by the sensor and a preset time has elapsed.

The unit includes a power switch, mains cable, 4-PIN output connector for the motor and a connector for control signals.

Fuses protect the load circuits against short circuit.

Technical data

Device type	BS5
Additional function	input for thermostat relay
Input voltage	230 V+6% -10%, 50/60 Hz
Output voltage	0 ... 230 V
Output frequency	2..120 Hz
Motor power	Max. 370 W
Set point	button / 0... +10 V, DC 0(4)...20 mA
Enable	12 - 24 V, DC or switch
Supply for sensor	24 V, 25 mA
Status relay	Change over contacts 250 V, 1A
Operating temperature	0...45 °C
Protection DIN EN 60529	IP 54
Article no.	2-009382

Dimensions

Technical drawing

