

# ***CONTROL BOCS PLUS***®

High performance borehole pumping system management, protection, data collection and communication.





## **CONTROL BOCS PLUS®**

The Control Bocs Plus® is a high performance pumping system management product offering system management protection, data communication and collection in one. It is easy to install and requires no adjusting or measuring - simply switch on and pump water. In addition it serves as a troubleshooting tool if required.

### **Features**

- Easy to install
- No calibration
- Minimum nuisance tripping
- Maximum operating range
- Auto diagnostic
- Peace of mind

### **Specifications**

|                       |   |
|-----------------------|---|
| Voltage               | : 207VAC – 253VAC 50Hz  |
| Operating temperature | : -5°C – 60°C   |
| Reset on dry-run      | : Automatic within 15 – 60 min controlled by a proprietary algorithm          |
| Reset on overload     | : Automatic reset on first two overloads then reset by power-up               |
| Switch control        | : ON/OFF switch controlled by proprietary algorithm to prevent rapid cycling  |
| Model                 | : The complete range of 100mm motors are catered for (single and three phase) |

### **How does it do it?**

Your pumping system is managed by:

- Avoiding nuisance tripping
- Making maximum use of a weak borehole
- Allowing the widest possible voltage fluctuation
- Anticipating transient overload conditions
- Using a proprietary dry-run management programme
- Limiting the destructive effects of over-currents
- Reducing rapid starting automatically when required

### **Protection**

Protects your pumping system by:

- Monitoring the supply voltage
- Monitoring motor current
- Monitoring motor shaft load
- Eliminating rapid cycling
- Detecting excessive continuous over-currents
- Detecting dry-running
- Maximising borehole production
- Logging data during operation to make fault diagnosis possible when required
- Detecting bad connections
- Allowing for voltage and current stabilisation during start-up
- Maximising motor and pump life

### **Data collection and communication**

With the collected data and the communication tools available, the Control Bocs Plus® offering is a powerful data analyser and interface to any PC offering access to the vast experience accumulated by Franklin Electric over years of involvement in the borehole industry. A borehole need not be a black hole any more!

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Approved Reseller



**Franklin Electric**

Contact us for your nearest reseller.

**Service and Support** - Franklin Electric is the leading manufacturer of world-class pumping system solutions providing the highest quality, availability, service, innovation and value-for-money in the industry. Backed by unsurpassed expertise throughout Africa, these leading brands are ideal for various pumping applications.