



PRODUCT DETAILS

The Bianco NXT iPROTECTPLUS is a module intended to control and protect a single pump. The user can select a control logic sequence to match their application and enjoy the benefits of superior control and protection for the pump. This model has improved power factor detection and voltage spike protection.

There are 3 primary control logic modes:

- 'Drainage' where control is concentrated at the source
- 'Boosting' which references pressure switching for control
- 'Transfer' which is a mix of source and destination control

NXT iPROTECTPLUS 1-22 is especially useful to provide protection to single-phase '3 wire' PSC bore-pump motors. The casing has internal space and a bracket to install the start capacitor inside the enclosure. By digitally monitoring the running current, the response time of the controller is superior to traditional analogue overload methods.

PROTECTION FUNCTIONS

Alarm parameters are programmable and in some instances trip and recovery time settings can be altered.

- Overvoltage
- Undervoltage
- Dry-run (undercurrent)
- Overload (overcurrent)
- Pump stall
- Open phase
- 'Anti-seize' function in drainage mode
- Last 5 error log

Bianco NXT iPROTECTPLUS has a dry contact for remote alarms in addition to an audible alarm and flashing light which activate indicating an active alarm state.

CONTROL INPUTS

- Switched input – float, pressure switch, temperature switching
- Level probe (capacitance-type probes)

TECHNICAL DATA

RATED VOLTAGE	1ph 230V +10/-6%
MAX. AMPERAGE	20 A
INGRESS PROTECTION	IP65
WORKING HUMIDITY	20 – 90% RH

POWER CABLE	None – bare controller only
RATED TEMPERATURE	-25° to 55°C
UNIT DIMENSIONS	275 x 200 x 125mm
UNIT WEIGHT (NETT)	1.75 kg