

PRODUCT DETAILS

The BiANCO NXT IPROTECT 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.

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 IPROTECT 1-22 is especially useful to provide protection to single phase '3 wire' PSC tyre 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 BiANCO NXT IPROTECT 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.

- Over voltage
- Under voltage
- Dry Run (under current)
- Overload (over current)
- Pump stall
- Open phase
- Phase reversal (3 phase models only)
- 'Anti-seize' function in drainage mode
- Last 5 error log

BIANCO NXT IPROTECT has an audible alarm and a flashing screen to indicate 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	30 amps
DEGREE OF PROTECTION	I.P. 56
WORKING HUMIDITY	20% - 90% RH

POWER CABLE	None - bare controller only
RATED CURRENT	-25 degC to 55 deg C
UNIT DIMENSIONS	275mm x 200mm x 125mm
UNIT WEIGHT (NETT)	1.17kg