

# PRODUCT DATA SHEET

BIA-NXT-IPROTECT1-22

811202

### 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.

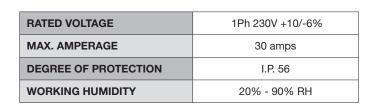
- Over voltage
- Under voltage
- Dry Run (under current)
- Overload (over current)
- Pump stall
- Open phase
- Phase reversal (3 phase models only)
- 'Anti-seize' function in drainage mode
- Last 5 error log

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



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



