

PRODUCT DATA SHEET

BIA-NXT-PROTECT 3-40 • 811203



PRODUCT DETAILS

The Bia nXt-Protect 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 concentrated at the source
- 'Boosting' which references pressure switching for control
- 'Transfer' which is a mix of source and destination control

By digitally monitoring the running current, the response time of the nXt-Protect 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
- 'Anti-seize' function in drainage mode
- Last 5 error log

nXt_Protect has an audible alarm and a flashing screen to indicate an alarm state

CONTROL INPUTS

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



TECHNICAL DATA

RATED VOLTAGE (V)	3 Ph 400V +10/-6%
MAX AMPERAGE	12 amps
DEGREE OF PROTECTION	I.P. 65
WORKING HUMIDITY	20% - 90% RH

POWER CABLE & MATERIALS	None - bare controller only
WORKING TEMPERATURE	-25degC to 55 deg C
UNIT DIMENSIONS (L X W X H)	275mm x 200mm x 125mm
UNIT WEIGHT (NET)	1.168 kg