

ICON Series controller BIA-DPC3-40 for the protection and control of dual 415V pumps 0.75 kW to 4.0 kW.



Pump controller



Slave Controller
802699

- IP54 engineered plastic enclosure
- Intelligent dynamic LCD displays pump running information
- Intelligent push button pump overload calibration prompts for uncompleted calibration
- Function switch setting for drainage, pressure boosting and transfer applications
- Level controls can be float switches or probes
- Auto, manual switching
- Visual and audible alarms
- Adjustable time delay for audible alarm
- Low voltage control circuit
- RS485 communication interface (BMS, MODBUS)
- Pump accumulated run time display
- Pump last five fault record display
- Slave controller

Protections

- Pump stalled
- Overload (restart attempt every 30 min.)
- Short circuit
- Over voltage (restart attempt every 5 min.)
- Under voltage (restart attempt every 5 min.)
- Repeated starts (more than 5 per minute)
- Open phase (3 phase only)
- Phase reversal (3 phase only)
- Three phase imbalance (3 phase only)
- Over temperature (where pumps are fitted with micro-therms)
- Anti-seize run timer
- 3 sec every 240 hrs adjustable
- Dry run protection without need for a float switch or liquid level probe (restart attempt every 30 min.)

Slave Controller (SC) with communication interface can realize long distance monitoring (1000m). In the control room, users can realize all the functions of the master control panel through the SC. Included at no charge.

2 YEAR iCON Series Control Warranty