

# DIR 1

RANGE 1.1÷7.5 kW

**DIRECT ON LINE ELECTROMECHANICAL  
CONTROL PANEL FOR 1 SINGLE  
OR THREE PHASE MOTOR**

- ▶ INTEGRATED MODULE WITH MOTOR PROTECTION, INPUT AND OUTPUT (as standard)



Automated Environmental Systems

Sales and service 01842 819130



40cm x 30cm x 24cm (including isolator switch)

## MAIN FEATURES

- ▶ Power input for 1 motor 1-230V  $\pm 10\%$  50/60HZ
- ▶ Power input for 1 motor 3-400V  $\pm 10\%$  50/60HZ
- ▶ AUTO-0-MAN selector (stable)
- ▶ motor running green light indicator
- ▶ "Power on" blu light indicator
- ▶ Overload red light indicator
- ▶ Main disconnect switch with door lock
- ▶ N,1 Contactor
- ▶ N,1 Thermal protection relay
- ▶ Connection terminals
- ▶ Transformer for auxiliary circuit
- ▶ Auxiliary circuit protection fuses
- ▶ Motor protection fuses
- ▶ Cable glands
- ▶ IP55 enclosure (IP65 available on request)
- ▶ Ambient temperature: -5/+40 °C
- ▶ Relative humidity 50% at 40 °C (condensate free)

## INTEGRATED MODULE FUNCTIONS

- ▶ Clear or waste water
- ▶ Lack of the phases control
- ▶ Min/max voltage control with delay and automatic reset
- ▶ Self holding
- ▶ Min level with probe and float switch
- ▶ Max level with float switch
- ▶ BMS (Building Management system terminals on demand)

## INPUT

- ▶ N.1 x Probes level control
- ▶ N.4 x Float switch/pressure switch
- ▶ N.1 x Klixon motor protection

## ALARMS

- ▶ N.1 x 24V
- ▶ N.1 x NO free contact