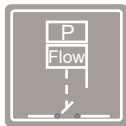


COMPACT 2 & 22

Automatic Device for electric pump integral control.

COMPACT 2 & 22 are compact devices for the automatic control and protection of electric pumps, its patented system includes special electronic sensor of flow and pressure, integrated in electronic circuit that guides the electric pump operation and keeps pressure and flow accordingly. Moreover, it has a safety system to avoid the dry-running operation.

COMPACT 2 & 22 replace traditional systems of hydrosphere, pressure-switch, check-valve and level switches, with the advantage of smaller dimensions and avoiding periodic maintenance. These units automatically start the electric pump when any point of use is open and stop it –after a 10 seconds programmed time– when closing the consumption point.



COMPACT 2
COMPACT 22

OPERATING CHARACTERISTICS

- No maintenance.
- Installation time saving.
- Protection against water hammer effect.
- Compact and reduced dimensions.
- Removal of protecting devices (level switches).
- Avoids the pump oversizing using integrately their flowpressure curve.
- Integrated protection system which stops the pump in case of dry-running operation.
- **ART** function (Automatic Reset Test). If the device has been stopped due to the action of the safety system against dry operation, the ART tries to connect the pump, with a programmed periodicity because the water supply could have been restored.
- **APR** function (Anti-blocking Periodic Routine). After 3 days without starting the pump, the device triggers a 10-second startup to prevent rotor blockage.
- Control panel:
 - Yellow Led POWER.
 - Green Led ON.
 - Red Led FAILURE.
 - Tactile push button for manual start.
- Electronic circuit group with protection cover easily replaceable.
- Hydraulic connections G1" (NPT 1" on request).
- Integrated accumulation system, spring-membrane set, preventing pump's cycling as a result of dripping taps or small losses in the hydraulic installation.
- Other options like pressure gauge, connecting cables, adjustable starting pressure.

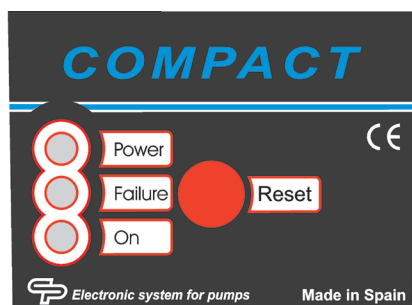


Low Voltage Directive 2014/35/EC
Electromagnetic Compatibility 2014/30/EC
RoHS 2011/65/EC + 2015/863/EC

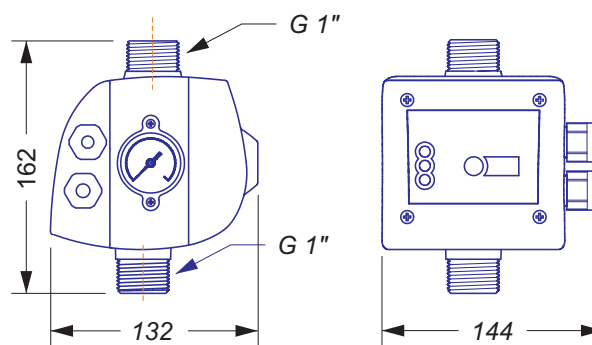
TECHNICAL CHARACTERISTICS

	COMPACT 2				COMPACT 22			
	F10	F15	F25	R	F10	F15	F25	R
Start pressure	0,8 bar	1,5 bar	2,5 bar	1,5-3,5 bar	0.8 bar	1,5 bar	2,5 bar	1,5-3,5 bar
Power	1,5 kW				2,2 kW			
Voltage	~1x110-230 Vac							
Frequency	50/60 Hz							
Max peak of current	10 A; cos fi ≥ 0.6				16 A; cos fi ≥ 0.6			
Protection degree	IP65							
Inlet and outlet threads	G 1" / 1" NPT							
Maximum temperature	50 °C							
Maximum pressure	10 bar							
Maximum flow	8.000 l/h							

CONTROL PANEL



DIMENSIONS



INSTALLATION

