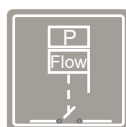


COMPACT 2 & 22

Automatic Device for electric pump integral control.

COMPACT 2 is compact device 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 replaces 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

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 flow pressure 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
- 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 NPT 1"
- 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.

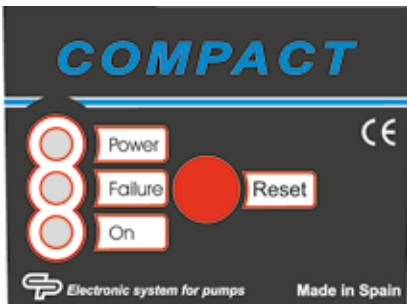


Low Voltage Directive 2014/35/EC
 Electromagnetic Compatibility 2014/30/EC
 RoHS 2011/65/EC + 2015/863/EC

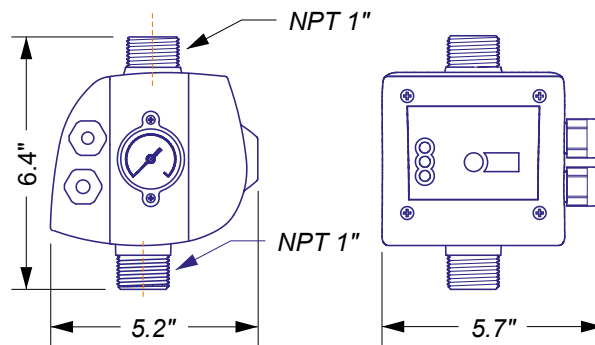
TECHNICAL CHARACTERISTICS

	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, 2HP				2,2 kW , 3HP			
Voltage	~1 x 110÷230 Vac				~1 x 110 Vac / ~1 x 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							
Maximum temperature	122 °F							
Maximum pressure	10 bar / 145 PSI							
Maximum flow	2114 GPH							

CONTROL PANEL



DIMENSIONS



INSTALLATION

