



Made in Italy  
  
 PATENTED

## LOGICPRESS 3PHASE

### THREE-PHASE PRESSURE FLOW SWITCH WITH 1"1/4 CONNECTIONS

Three-phase power supply 400 Vac.

Starts and stops the pump depending on opening and closing of the outlets.

It has 1"1/4 male connections to guarantee a higher flow rate.

Stops the pump in case of water shortage and protects it from dry running.

Equipped with automatic restart in case of failure and anti-jamming function.

No need for an expansion tank, check valve, filter or fittings.

Can be installed on surface and submersible pumps up to 3 HP.





Maintenance free.

#### TECHNICAL FEATURES

	LOGICPRESS 3PHASE	LOGICPRESS 3PHASE PLUS
Three-phase mains voltage	400 Vac	230 Vac / 400 Vac
Three-phase pump motor voltage	400 V Y	230 V Δ / 400 V Y
Acceptable voltage fluctuation	+/- 10%	+/- 10%
Frequency	50/60 Hz	50/60 Hz
Current max	6 A	6 A
Power max at 230V	—	1,1 kW (1,5 HP)
Power max at 400V	2,2 kW (3 HP)	2,2 kW (3 HP)
Protection degree	IP 65	IP 65
Operating pressure max	12 bar	12 bar
Operating temperature max	50 °C	50 °C
Minimum flow	~1 l/min	~1 l/min
Male connections	Gc 1"1/4	Gc 1"1/4
Standard equipped cables	H07RN-F 4Gx1,5 mm <sup>2</sup>	H07RN-F 4Gx1,5 mm <sup>2</sup>

#### CONTROL PANEL

##### SIGNALING OF THE WORKING PHASES AND ANOMALIES

	<b>POWER ON</b> Green LED on	Device energized
	<b>PUMP ON</b> Yellow LED on	Pump running
	<b>FAILURE</b> Red LED blinking	Water shortage
	<b>RESTART</b> Button	Reset after failure

## INSTALLATION AND STARTUP

The device can be installed directly on the pump or between the pump and the first tap.

Make all the electrical connections and energize.

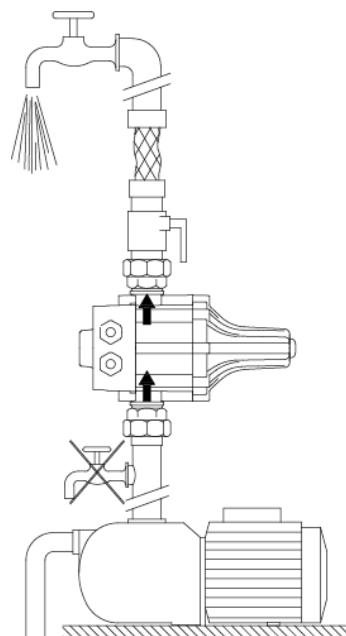
From now on, the device will turn the pump on and off depending on the opening and closing of the tap.

In case of a temporary blackout, the device will automatically rearm once the electricity returns.

## SELECTION OF THE DEVICE WITH THE CORRECT RESTART VALUE

Refer to the following table to choose the device with the correct restart value suitable to the characteristics of the system. Standard restart value is 1,5 bar. On request, restart values different from the standard are available as indicated in the table.

 RESTART PRESSURE	1,2 bar	1,5 bar	2,2 bar	3 bar	4 bar
 FLOORS NUMBER	4	5	7	10	13
 BUILDING HEIGHT (H)	12 mt	15 mt	22 mt	30 mt	40 mt
 MAX PUMP PRESSURE	min 2,5 bar	min 3 bar	min 3,5 bar	min 4,5 bar	min 5,5 bar



## AUTOMATIC RESTARTS

In case of stopping due to a water shortage, the device will automatically make 10 double attempts to rearm over the 24 hours following the failure, each lasting approximately 5 seconds to allow the pump and the system to reload if possible. The user can try to rearm the device at any time by pressing the Restart button.

## ANTI-JAMMING FUNCTION

If for any reason the pump remains idle for 24 consecutive hours, the device will start the pump for about 5 seconds.

## LOGICPRESS *3PHASE PLUS*

It differs from the LOGICPRESS 3PHASE due to the presence of electrical protections for the motor. It can be powered with either 230 or 400V three-phase voltage.

## PROTEZIONE CONTRO L'INVERSIONE DEL SENSO DI ROTAZIONE DEL MOTORE

In the event of accidental inversion of a power phase, the appliance recognizes the anomaly and automatically maintains the correct direction of rotation of the motor as set and verified during installation.

## PROTECTION AGAINST INVERSION OF THE DIRECTION OF ROTATION OF THE MOTOR

In the event of a missing phase in power supply, the device detects the fault and prevents the pump from starting.

## OPTIONALS

- Pressure gauge.
- GasOil version - suitable for use with petroleum and other chemicals.