



CONDENSER FAN SPEED CONTROLLERS

1-PHASE CONDENSER FAN SPEED CONTROL

P266

PRESSURE ACTUATED SINGLE PHASE DIGITAL CONTROLLER

The P266 pressure actuated single phase digital controller is a cost-effective, weather-resistant, durable motor speed control.

The P266 control is designed for approved single-phase, Permanent Split-Capacitor (PSC) motors commonly used in a wide variety of refrigeration and air conditioning condenser fan applications.

The P266 series controls are designed to replace the Johnson Controls® P66 series and P215 series fan speed controls, providing additional features and flexibility, greater energy efficiency, and longer motor life in a compact, rugged, weather-resistant package.

P266 models are available for 208 to 240 VAC and 440 to 575 VAC range applications. P266 controls have current ratings from 4 to 12 A depending on the voltage and model.

Some P266 models provide optional control of up to three auxiliary (fixed-speed) fans or fan stages. Also, some models provide two additional high-voltage triacs, which allow you to split the source power to the main and auxiliary windings, and connect a low-speed capacitor to increase efficiency at low speed operation.

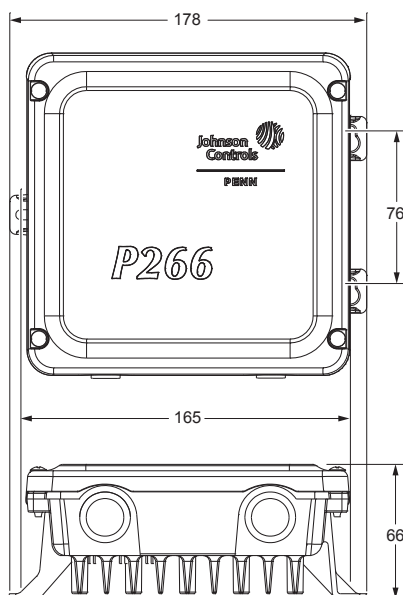
FEATURES

- Global design CE / UL / CSA / C-tick
- Microprocessor based
- Field programmable, digital setting
- One or two electronic pressure transducers (P266SNR)
- Pressure range 0 - 35 bar or 0 - 52 bar
- Patented design
- Output 8 or 12 Amp at 60°C ambient temperature
- Robust aluminium IP54 enclosure with integral heatsink
- Multi triac control providing energy savings up to 25%
- Optional auxiliary (vernier) control
- Auto selection 50 / 60 Hz





DIMENSIONS (in mm)



ORDERING INFORMATION

CODES	DESCRIPTION	TRANSDUCER MODEL INCLUDED IN KIT	VOLTAGE RANGE (VAC)	MAXIMUM OUTPUT (Ampères)	HIGH VAC TRIACS	AVAILABLE AUXILIARY FAN CONTROL CIRCUITS
P266EAA-1K *	P266 fan speed control with Internal transformer and one P266 pressure transducer and one 2 m cable	P266SNR-1C 0-35 bar (0-508 psi)	208 to 240	8	3	---
P266EAA-3K *		P266SNR-2C 0-52 bar (0-754 psi)				---
P266EBA-1K *		P266SNR-1C 0-35 bar (0-508 psi)				3
P266EBA-3K *		P266SNR-2C 0-52 bar (0-754 psi)				3
P266ECA-1K *		P266SNR-1C 0-35 bar (0-508 psi)			1	---
P266ECA-3K		P266SNR-2C 0-52 bar (0-754 psi)				---
P266EDA-1K *		P266SNR-1C 0-35 bar (0-508 psi)				3
P266EDA-3K *		P266SNR-2C 0-52 bar (0-754 psi)				3
P266EEA-1K *		P266SNR-1C 0-35 bar (0-508 psi)		12	---	
P266EFA-3K *		P266SNR-2C 0-52 bar (0-754 psi)			3	

Note

* Factory default settings: Start Voltage is set to 40% of the supply line-voltage. End Voltage is set to 95% of the supply line-voltage. Start Pressure is set to 44% of the P266 transducer's total pressure range. End Pressure is set to 51% of the P266 transducer's total pressure range.



ORDERING INFORMATION

P266SNR ELECTRONIC PRESSURE TRANSDUCERS

CODES	DESCRIPTION
P266SNR-1C	Electronic pressure transducer: 0 to 35 bar total range with a 1/4 in. SAE female flare connection and a 2 meter cable.
P266SNR-2C	Electronic pressure transducer: 0 to 52 bar total range with a 1/4 in. SAE female flare connection and a 2 meter cable.
P266PRM-1K	P266 Utility Com. Tool Kit. Communication Software Package to program and monitor P266 Control parameters.