



 Nordham is one of the few innovative manufacturers of HVAC/R and Software and Control Products.

The company develops and constructs Systems and precision solutions in domains of Heat-, Refrigeration- and Control- Technologies, as well as Industry Automation.

The main aim of Nordham is maximizing the Development of innovative Products and Sytems, in order to deliver our customers the greatest added value possible.

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FM6/9

Condenser Fan Speed Control



FEATURES

- Simple installation and direct installation
- Robust, durable and long lasting box
- Aluminum material
- Compact design
- User friendly interface
- German design and technology
- Long life use

For more information
www.digitech-ltd.com/fm6
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The FM series monophase fan speed control units keep the condenser gas pressure constant by adjusting the fan speed according to the condenser pressure or temperature. In addition to the pressure and temperature sensors, 0-5V, 0-10V or potentiometer can also be connected to provide external control. The soft-start feature softens the fan's first attempt. In cold weather, the fan applies full power for a short period of time at the start of the fan, thus resolving problems such as fan congestion, snow accumulation, etc.

The user-friendly menu allows easy operation without confusion. The desired fan speed can be adjusted in the band frame that the user can adjust.

The FM control units also offer solutions to the needs of monophase motors (suitable for control with phase angle control), heating and dimmers. In addition to temperature, pressure and analogue inputs, other control requirements also provide a complete solution thanks to the increasing or decreasing sloping output function in the band frame that the user can adjust.

TECHNICAL INFORMATION

Programming	: 4 digit 7 segment LED display and 3 button, EasyGlide® technology
Speed control	: Phase cutting voltage regulation (SCR)
Operating voltage	: 230V AC \pm 10%
Max. Fan amp	: 6A / 9A
Operating frequency	: 50Hz / 60Hz automatic selection
Input type	: Pressure, Temperature, Voltage, RS485 optional
Pressure transmitters	: Ratiometric 5V supply, 0.5-4.5V full scale
Pressure range	: Any pressure range ratiometric sensor can be used
Temperature sensor	: 10K NTC Thermoplastic
Working range	: -40 ° C to + 120 ° C
Voltage control	: 0-5V / 0-10V
Measurement accuracy	: \pm 0.1% 12bit ADC interpolation
Dimensions	: 124mm x 98mm x 70mm
Weight	: 690gr



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