

Intelligent Wall Switch

The i-ON-F™ Intelligent Fan Six-Speed Control Switch from Electronic Design Technology provides fan speed control capability in energy management applications. Speed status is indicated via LEDs located on the right side of the switch button. The i-ON-F provides independent load control for ceiling fan loads up to five amps. The i-ON-F switches may be bound to other i-LiNE products on the network. The i-ON-F switch may also be remotely controlled by other i-LiNE products or by a controller using the i-LiNE protocol.

The i-ON-F responds to any controller with a RS-232 interface and communicates using the i-LiNE protocol. By using multiple i-LiNE products, the user can define and implement various multi-way switching and dimming configurations. Scenes can be programmed into the i-ON-F without the use of a controller. Advanced controls which rely on sensors and external triggers require a controller for programming.



Applications:

- Switching and speed control for ceiling fan loads.
- Easy switching / speed control from a remote controller or from multiple local / remote locations.
- With multiple i-ON-F's, various multi-way switching /control arrangements can be set via programmable input.
- Switch is programmable to control and respond to unique control scenes. Switch will respond to 255 scenes from a variety of sources.
- Energy management features available with a controller.

Features and Benefits:

- Reliable communications using readily available twisted pair wiring that is UL listed and has an insulation rating of 120 Volts AC or higher.
- Simple programming and configuration interface.
- i-LiNE products are self configuring and addressing, no need to set and remember unit addresses.
- i-LiNE protocol provides fast, robust, and high quality data communications.
- Protected memory maintains settings during power outages and fluctuations.
- FCC Part 15 Class B Compliant.

Specifications:

Dimmable Switch	
Model Number:	i-242
Load Type:	Ceiling Fan Loads Only
Max. Rated Load:	5 Amps @120 VAC 60 Hz
Network Power Consumption:	18 milliamps
Input Voltage:	120 VAC ± 10% at 60 Hz (Power Line) 9-12 Volts DC (i-LiNE Control Voltage)
Communications:	i-LiNE via 4 pair twisted wire (CAT5 or equivalent cable) with RJ45 connections
Operating Temperature:	-20° to 40° C
Storage Temperature:	-40° to 80° C
Humidity:	0 to 95% RH non-condensing
Options:	Ivory, White, and Almond

LIMITED ONE YEAR WARRANTY AND EXCLUSIONS

Electronic Design Technology warrants to the original customer purchaser and not for the benefit of anyone else that this product at the time of its sale by Electronic Design Technology is free of defects in materials and workmanship under normal and proper use for one year from the purchase date. Electronic Design Technology's only obligation is to correct such defects by repair or replacement, at its option, if within such one year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Electronic Design Technology, Attn: Warranty Department, 707 North Green Street, Longview, TX 75601. This warranty excludes and therefore is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There is no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. Electronic Design Technology is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of any equipment, lost sales or profits or delay of failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

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CAUTION: This product is neither designed nor intended for medical, medical related, life sustaining, life support, or other critical applications in which product failure could lead to personal injury or death. Use of this product as a component of devices and/or systems having these applications is neither warranted nor authorized.

Maximum Load		
No Sides Removed	1 Side Removed	2 Sides Removed
5 Amps	4 Amps	3.3 Amps

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