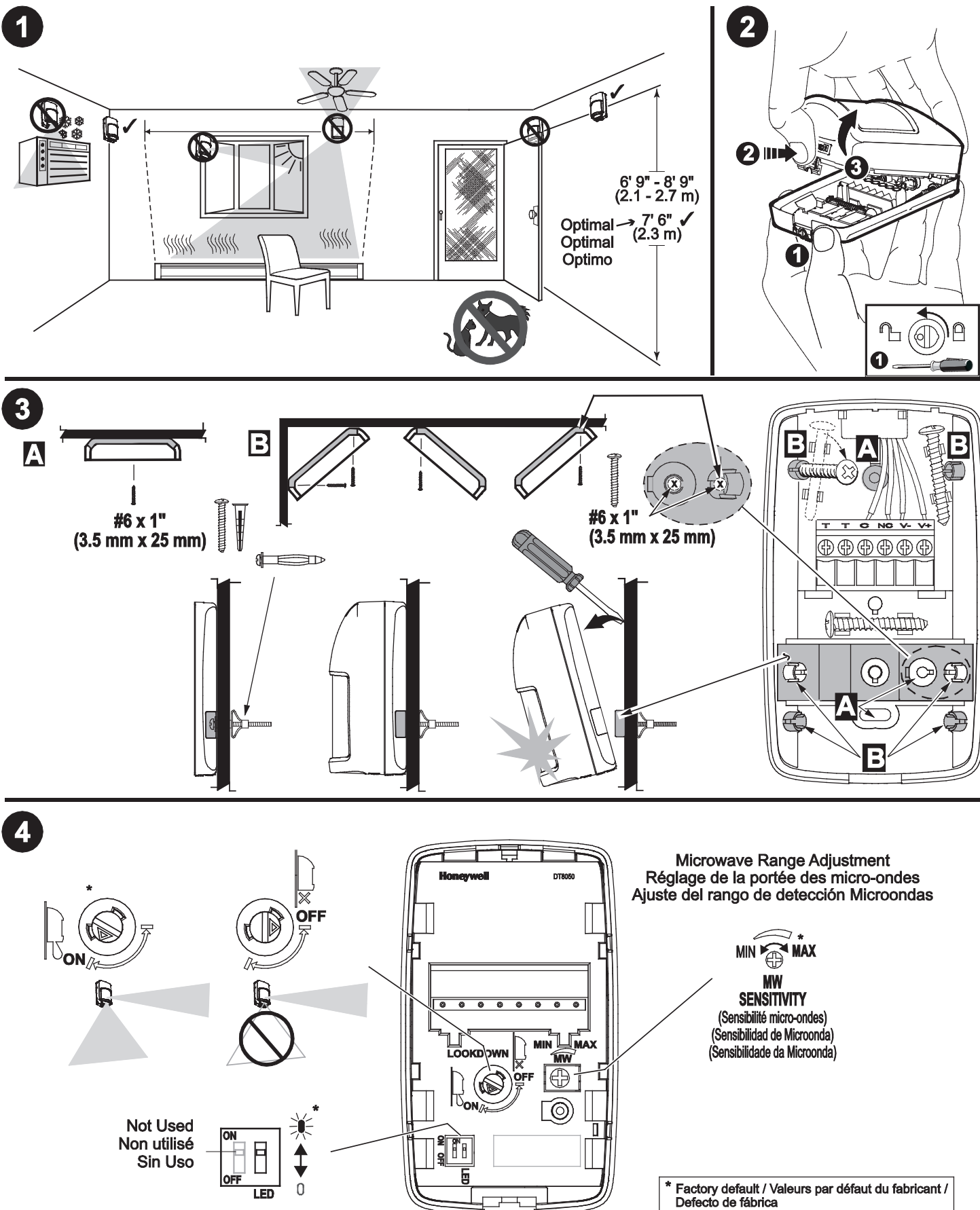


DT8050F24 DUAL TEC® Motion Sensor – Quick Installation Guide

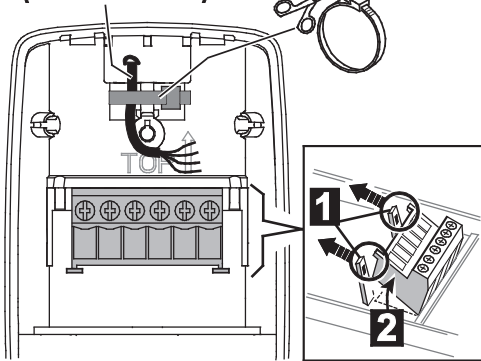
Détecteur de mouvement DT8050F24 DUAL TEC^{MD} – Guide d'installation rapide

Sensor de Movimiento DUAL TEC® DT8050F24 – Guía Rápida de Instalación



5

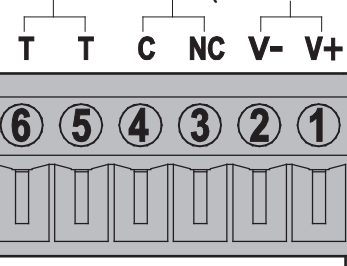
22-20 AWG
(0.31-0.52mm²)



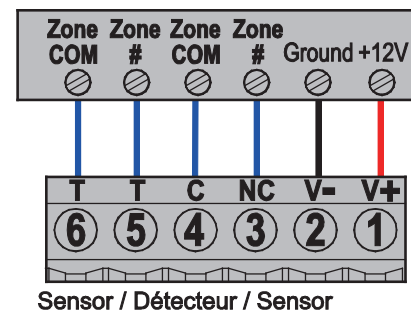
Tamper
30 mA
25 VDC

Alarm
30 mA
25 VDC

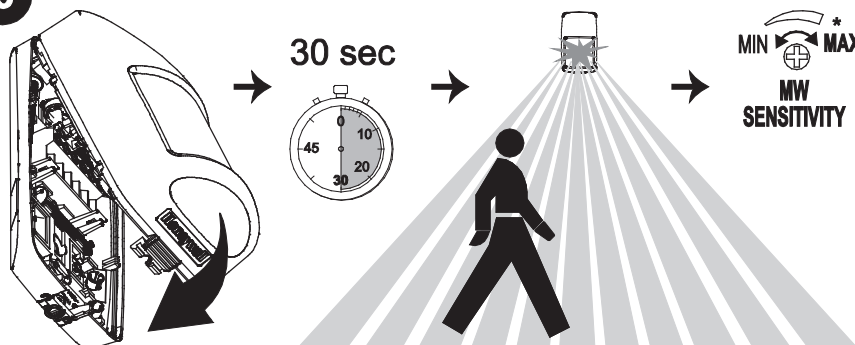
Power
24 mA
9-15 VDC
(UL: 9.5-15 VDC)



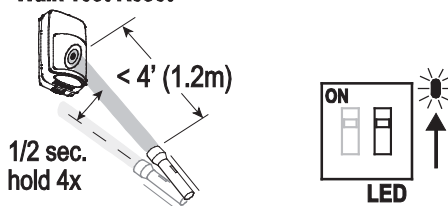
Panel / Panneau / Panel



6



Walk Test Reset



LED	Power Up	Walk Test	Normal	Fault
Red	Slow Blink	ON Alarm	ON Alarm	Fast Blink
Yellow	OFF	ON Microwave	ON Microwave	OFF
Green	OFF	ON PIR	ON PIR	OFF

1. Apply power to the sensor. Initialization is complete when the LED stops flashing slowly (about 30 seconds).
2. Turn the microwave sensitivity counterclockwise to reduce the microwave range (minimum = 16.4' / 5m) and close the sensor.
3. Walk through the detection area and observe the LED.
4. Adjust the microwave range as necessary to meet installation requirements.

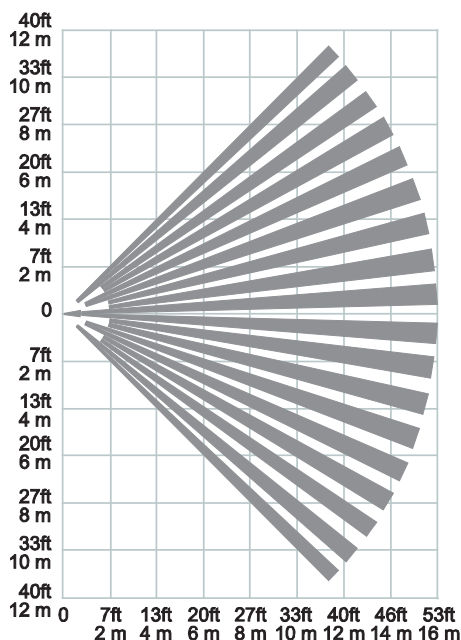
Walk test mode is active for 10 minutes, then automatically exits test mode, disables the LED and enters normal operation mode. For an additional 10 minute walk test, enable walk test mode again with the flashlight feature (see Walk Test Reset above).

Note: During power up and walk test modes the LED is active regardless of the LED Enable/Disable Dip switch setting.

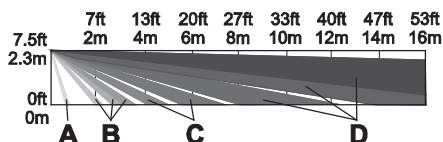
7

Top View
Vue de dessus
Vista Desde Arriba

PLAN VIEW
ALL ZONES

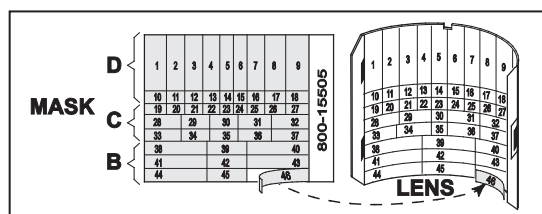


Side View
Vue de côté
Vista Lateral



Zones / Zones / Zonas / Zonas

A	2	Look-down / Basses / Vista Zona 0
B	18	Lower / Courtes / Cercana
C	20	Intermediate / Intermédiaires / Intermedia
D	54	Long / Longues / Largo Alcance



SPECIFICATIONS:

Electrical Ratings: 9.0 - 15 VDC; 24 mA typical, 30 mA maximum, 12 VDC.

Operating Temperature: 14° to 131° F / -10° to 55° C

Relative Humidity: 5 to 93% (UL tested at 93%); non-condensing

TROUBLESHOOTING:

	NORMAL	TROUBLE*
		Self-Test Failure ¹
Alarm Relay	Closed	Open
Red LED	Off	Flashing

*TROUBLE CONDITIONS:

¹ Self-Test Failure conditions:

- Microwave supervision failure: The sensor is operating in PIR mode only.
- PIR self-test failure: The sensor is disabled.
- Temperature compensation failure: The temperature compensation is disabled.

Depending on the Trouble condition, take the following corrective actions:

- Verify the power supply is sufficient (at least 9V at the sensor).
- Cycle power to the sensor.
- Walk test the sensor.

If the Trouble condition does not clear, replace the sensor.

APPROVAL/ LISTINGS:

- FCC part 15, Class B verified
- IC ICES-003, Class B verified
- UL 639
- ULC S306-03

Product must be tested at least once each year / Le fonctionnement du produit doit être vérifié au moins une fois par année /

El producto debe ser probado al menos una vez al año / O produto deve ser testado pelo menos uma vez por ano

All wiring must be in accordance with: the National Electrical Code (ANSI/NFPA70); the Canadian Electrical Code, Part I (where applicable); UL681, Standard for Installation and Classification of Burglar and Holdup Alarm Systems; ULC-S302, Standard for Installation and Classification of Burglar Alarm Systems for Financial and Commercial Premises, Safes and Vaults; ULC-S310, Standard for Installation and Classification of Residential Burglar Alarm Systems; local codes and the authorities having jurisdiction.

The products are intended to be powered by a power-limited output of a UL/CUL Listed Burglar Alarm control unit, or via a Listed UL2610/UL603/ULC-S318 power-limited power supply that provides 4 hours of standby power.

The sensor must be mounted indoors, within the protected premises, and on a wooden stud, solid wood or with a robust wall anchor.

UL Note: All interconnecting devices must be UL Listed.

FEDERAL COMMUNICATIONS COMMISSION STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FCC Supplier's Declaration of Conformity

Unique Identifier(Model Name): DT8050F24

Responsible Party -U.S Contact Information

Company name: Honeywell International Inc.

Company Address: 12 Clintonville Rd Northford Connecticut 06472 United States

Telephone number : (203) 497-4300

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

For the latest documentation and online support information, please go to: <https://buildings.honeywell.com/us/en/products/by-category/sensors/motion-detectors/dual-tec-24g-motion-sensor>
<https://myhoneywellbuildingsuniversity.com/training/>
Pour de l'assistance en ligne, visitez : <https://buildings.honeywell.com/us/en/products/by-category/sensors/motion-detectors/dual-tec-24g-motion-sensor>
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<https://myhoneywellbuildingsuniversity.com/training/>

For the latest warranty information, please go to: www.honeywell.com/security/hsc/resources/wa
Pour les dernières informations de garantie, s'il vous plaît aller à: www.honeywell.com/security/hsc/resources/wa
Para la información más reciente de la garantía, por favor vaya a: www.honeywell.com/security/hsc/resources/wa

For patent information, see: www.honeywell.com/patents
Pour des informations sur les brevets, voir : www.honeywell.com/patents
Para información de Patentes, vea: www.honeywell.com/patents



Products



To protect the environment, a detailed installation guide is available on the Honeywell website – Please consider before printing the document!

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1.800.323.4576

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