

RISCO



BWare™ Bus

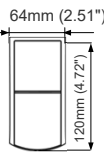
BWare BUS DT
Model:
RK515DTBGLA



9-16VDC
Power output: 20 dBm max.
Frequency: 24 GHz



12mA at 12VDC (typical)
34mA at 12VDC (max.)



100gr. (3.5oz.)



-10° to 55°C (14° to 131°F)
Humidity of 85 ±5 percent at a temperature of 30 ±2°C (86 ±4°F).

EN50131-2-4 Grade 2, Environmental Class II,
PD6662:2017
Certification body: Aplica Test & Certification



x 3



x 1

EN Introduction and Features

The BWare BUS DT detector is a motion detector designed for installation as an addressable detector on the RISCO BUS, incorporating Anti-Cloak™ Technologies (ACT™).

- MW K-Band and PIR technologies
- Anti-Cloak Technology (ACT™)
- Green Line™ for disabling the MW during disarm
- Cover tamper
- Corridor and Curtain lenses (optional)
- Remote Control & Diagnostics
- 15m (90') coverage

IT Introduzione e caratteristiche

BWare BUS DT è un rivelatore di movimento a doppia tecnologia indirizzato compatibile con il BUS RISCO che include tecnologia Anti-Cloak™ (ACT™).

- Tecnologia a microonde (MW in banda K) e infrarosso passivo (PIR)
- Tecnologia Anti-Cloak (ACT™)
- Funzione "Green Line" per disabilitare le emissioni della sezione microonda a sistema disinserito
- Tamper contro l'apertura
- Lenti a Tenda e Corridoio (opzionali)
- Diagnostica e Controllo Remoto
- Modelli da 15m (90')

ES Introducción y características

El detector BWare BUS DT es un detector de movimiento diseñado para su instalación como detector direccionable en el BUS de RISCO, que incorpora las tecnologías de Anti-Cloak™ (ACT™).

- Doble tecnología MW (Banda K) y PIR
- Tecnología Anti-Cloak (ACT™) para detectar intrusos camuflados
- GreenLine™ para deshabilitar el MW cuando el sistema esté desarmado
- Sabotaje contra la apertura
- Lentes de Pasillo y Cortina (opcionales)
- Control y Diagnósticos Remotos
- Cobertura 15m (90')

FR Introduction et caractéristiques

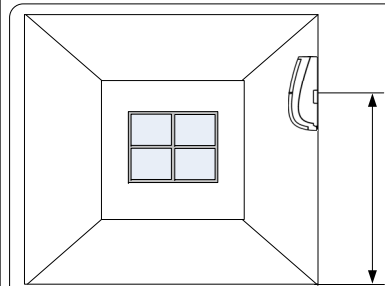
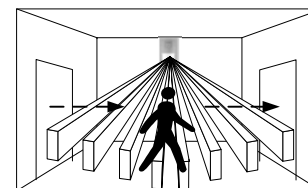
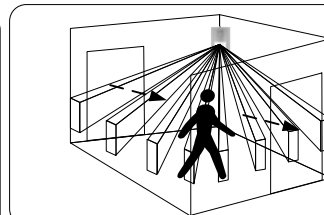
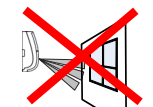
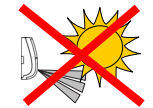
Le détecteur BWare BUS DT est un détecteur de mouvement destiné à être installé en tant que détecteur adressable sur le BUS RISCO, incorporant les technologies Anti-Cloak™ (ACT™).

- Technologies hyperfréquence Bande K et IR Passif
- Technologie Anti-Cloak™ (ACT™)
- Green Line™ pour désactiver l'hyperfréquence durant le désarmement
- Sabotage contre l'ouverture
- Lentilles couloir et rideau (optionnelles)
- Contrôle et diagnostic à distance
- Couverture 15m (90')

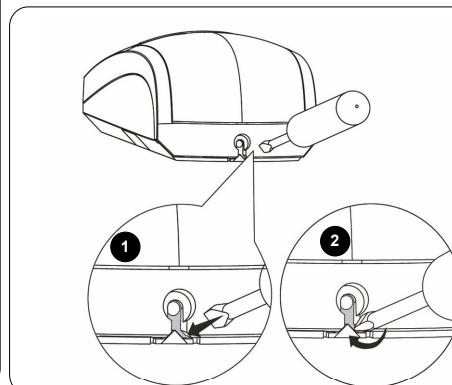
PR Introdução e características

O BWare BUS, detector de dupla tecnologia, é um detector de movimento projetado para ser instalado como detector endereçável ao RISCO Bus, incorporando tecnologia quanto Anti-Cloak™.

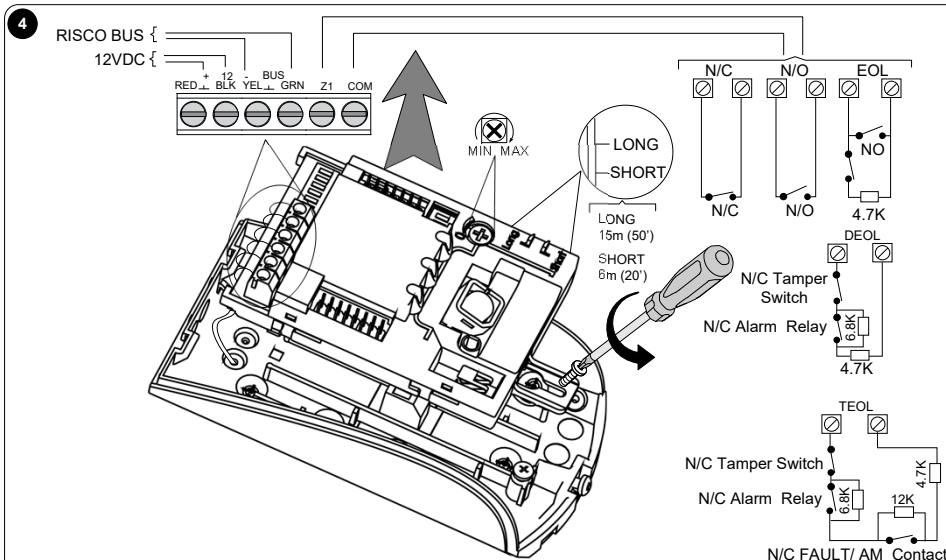
- Tecnologia Anti-Camuflagem (ACT™)
- Tecnologia GreenLine - Desativa MW (Microondas), quando o sistema é desativado
- Sabotagem contra a abertura
- Lentes de longo alcance e Cortina (opcional)
- Controle e diagnóstico remoto
- Modelo 15m (90')



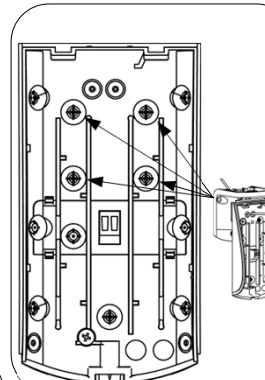
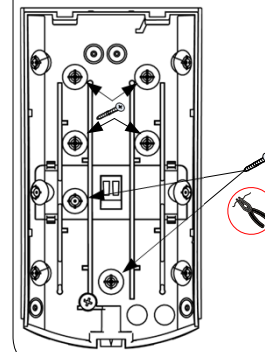
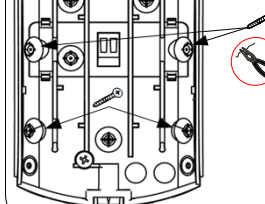
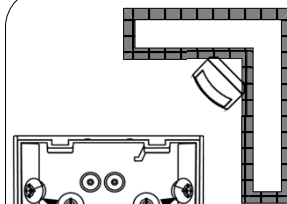
2.1m-2.7m
(6'11"-8'10")



BUS ADDRESS					
ID	1	2	3	4	5
01	OFF	OFF	OFF	OFF	OFF
02	ON	OFF	OFF	OFF	OFF
03	OFF	ON	OFF	OFF	OFF
04	ON	ON	OFF	OFF	OFF
05	OFF	OFF	ON	OFF	OFF
06	ON	OFF	ON	OFF	OFF
07	OFF	ON	ON	OFF	OFF
08	ON	ON	ON	OFF	OFF
09	OFF	OFF	OFF	ON	OFF
10	ON	OFF	OFF	ON	OFF
11	OFF	ON	OFF	ON	OFF
12	ON	ON	OFF	ON	OFF
13	OFF	ON	ON	ON	OFF
14	ON	OFF	ON	ON	OFF
15	OFF	ON	ON	ON	OFF
16	ON	ON	ON	ON	OFF
17	OFF	OFF	OFF	OFF	ON
18	ON	OFF	OFF	OFF	ON
19	OFF	ON	OFF	OFF	ON
20	ON	ON	OFF	OFF	ON
21	OFF	OFF	ON	OFF	ON
22	ON	OFF	ON	OFF	ON
23	OFF	ON	ON	OFF	ON
24	ON	ON	ON	OFF	ON
25	OFF	OFF	OFF	ON	ON
26	ON	OFF	OFF	ON	ON
27	OFF	ON	OFF	ON	ON
28	ON	ON	OFF	ON	ON
29	OFF	OFF	ON	ON	ON
30	ON	OFF	ON	ON	ON
31	OFF	ON	ON	ON	ON
32	ON	ON	ON	ON	ON



5



EN System Programming:

- Add/delete a BWare BUS detector
 - Installer menu [7] Accessories / Install > [1] Add Delete Module > [9] More... > [5] BUS Zone.
 - Select ID (as defined by the Dip switches) and define type as BDTG2.
- Assign the BWare BUS detector to a Zone
 - Installer menu [2] Zones > [1] One by One > Select Zone.
 - Under Termination select > [5] BUS Zone.
 - Select the BUS zone number to assign to the programmed zone.
- Program the zone input on the BWare BUS
 - Installer menu [2] Zones > [1] One by One > Select Zone.
 - Under Termination select from options [07] to [11].
 - Press [#]. Select the BUS zone that the input zone belongs to.
- Configure the BWare BUS detector parameters.
 - Installer menu select [2] Zones > [0] Miscellaneous > [3] BUS Zone Parameters. Refer to System Installation Manual.

IT Programmazione Sistema:

- ProSYS:** 1. Aggiungi/cancella un rivelatore BUS BWare
- Menù Tecnico [7] Accessori > [1] Agg./Canc.Modulo > [9] Continua... > [5] Zone BUS
 - Selezionare il numero ID (come impostato dai microinterruttori) e definire il tipo come BDTG2
2. Assegnazione del rivelatore BUS BWare ad una Zona
- Menù Tecnico [2] Zone > [1] Una per Una > Selezionare il numero di zona
 - Raggiunta l'opzione Terminazione selezionare > [5] Zona BUS
 - Selezionare il numero ID della zona BUS da assegnare alla zona che si sta programmando
3. Programmazione dell'ingresso di zona aggiuntivo sul rivelatore BUS BWare
- Menù Tecnico [2] Zone > [1] Una per Una > Selezionare il numero di zona
 - Raggiunta l'opzione Terminazione selezionare una delle opzioni da [07] a [11]
 - Premere [#]. Selezionare il numero ID della zona BUS che fa riferimento all'ingresso di zona che si sta programmando
4. Configurazione dei parametri del rivelatore BUS BWare
- Nel Menù Tecnico selezionare [2] Zone > [0] Varie > [3] Parametri Zone BUS > Selezionare il numero di zona al quale è stato assegnato il rivelatore. Fare riferimento al Manuale Tecnico della centrale per i parametri del rivelatore

LightSYS:

1. Aggiungi/cancella un rivelatore BUS BWare
- Menù Tecnico [7] Configurazione > [1] Accessori BUS > [2] Configurazione Manuale > [9] Zone-BUS
 - Selezionare l'identificativo ID (come impostato dai microinterruttori) e definire il tipo come BDTG2
3. Programmare l'ingresso di zona del rivelatore BWare BUS
- Una volta completata l'operazione descritta al punto 1, la centrale automaticamente chiederà se aggiungere alla zona successiva l'ingresso di zona aggiuntivo del rivelatore
4. Programmare i parametri del rivelatore
- Menù Tecnico [2] Zone > [1] Parametri > [2] Per Parametro > [7] Avanzati > [4] Zone BUS > Selezionare il numero di zona al quale è stato assegnato il rivelatore. Fare riferimento al Manuale Tecnico della centrale per i parametri del rivelatore

ES Programación Sistema:

- Añadir/Borrar un detector BWare BUS
 - Menú Instalador > [7] Accesorios > [1] Agregar/Borrar Módulo > [9] Más... > [5] Zonas BUS
 - Selección el ID (según se haya definido con los microinterruptores DIP) y define el tipo como BDTG2
- Asignar el detector BWare BUS a una Zona
 - Menú Instalador > [2] Zonas > [1] Una a Una > Selecciona la Zona
 - En el apartado Terminación, seleccione la opción [05] Zona BUS.
 - Selección el ID del detector BUS que se va a asignar a la zona programada.
- Programar la entrada de zona adicional del BWare BUS
 - Menú Instalador > [2] Zonas > [1] Una a Una > Selecciona la Zona.
 - En el apartado Terminación, seleccione una de las opciones de la [07] a la [11].
 - Presione [#]. Seleccione el ID del detector BUS al que pertenece la entrada de zona.
- Configuración de los parámetros del detector BWare BUS.
 - Menú Instalador > [2] Zonas > [0] Varios > [3] Parámetros Zona BUS. Consulte el manual de instalación del sistema para la configuración de los parámetros del detector BUS.

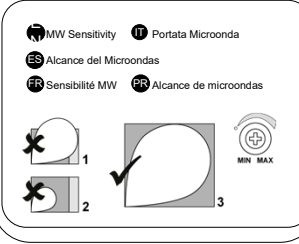
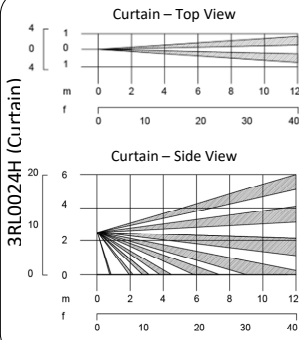
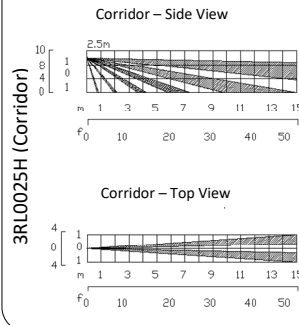
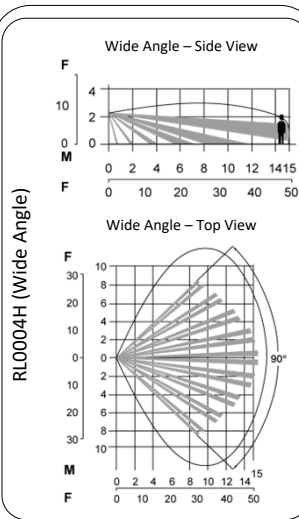
FR Programmation Système:

- Ajout/Supp détecteur BWare BUS
 - Menu Installateur [7] Accessoires / Installation > [1] Ajout/Supp Module > [9] Plus... > [5] Zone BUS.
 - Sélectionner l'ID (défini par les Dip switches) et définir le type en BDTG2
- Assigner le détecteur BWare BUS à une Zone
 - Menu Installateur [2] Zones > [1] Une par Une > Sélectionner Zone.
 - Dans Nature sélectionner > [5] BUS Zone.
 - Sélectionner le numéro de la zone BUS à assigner à la zone programmée.
- Programmer la zone d'entrée du BWare BUS
 - Menu Installateur [2] Zones > [1] Une par Une > Sélectionner Zone.
 - Dans Nature sélectionner les options [07] à [11].
 - Appuyer sur [#]. Sélectionner le numéro de la zone BUS à assigner à la zone programmée.
- Configurer les paramètres du détecteur BWare BUS.
 - Menu Installateur sélectionner [2] Zones > [0] Divers > [3] Param Zone BUS. Reportez-vous au manuel d'installation du système pour les paramètres des détecteurs BUS.

Programação da Sistema:

- Adicionar/Apagar um detector BWare BUS
 - Menu do instalador [7] Acessórios > [1] Adicionar/Apagar módulo > [9] Mais... > [5] Zonas de BUS.
 - Selecionar ID (como definido nos Dipswitches) e definir como o tipo BDTG2
- Alocar o BWare BUS à uma zona
 - Menu do Instalador [2] Zonas > [1] Uma a Uma > Selecionar Zona.
 - No menu de Terminação seleccione > [5] Zona de BUS.
 - Selecione o número da zona de BUS para alocar a zona programada.
- Programação da entrada de zona do BWare BUS
 - Menu do instalador [2] Zonas > [1] Uma a uma > Selecionar Zona.
 - No menu de terminação escolha uma das opções de [07] até [11].
 - Apertar [#]. Escolher a zona de BUS que a entrada de zona pertence.
- Configurar os parâmetros do detector BWare BUS.
 - Selecionar o menu do instalador [2] Zonas > [0] Diversos > [3] Parâmetros de Zonas de BUS.

6



EN LED Display

LED	State	Description
Yellow	On	PIR Detection
	Flashing	Trouble in PIR channel
Green	On	MW Detection
	Flashing	Trouble in MW channel
Blue	On	Alarm
	Flashing	Communication Trouble
All LEDs	Flashing (consecutively)	At power-up, the LEDs will flash consecutively until the end of the warm-up period (2-3 minutes). At the end of the warm-up period the BLUE LED will continue to flash until the end of AM calibration.

IT Indicatori LED

LED	Stato	Descrizione
Giallo	Illuminato	Rilevazione del canale all'infrarosso passivo (PIR)
	Lampeggiante	Anomalia del canale PIR
Verde	Illuminato	Rilevazione del canale a microonda (MW)
	Lampeggiante	Anomalia del canale MW
Blu	Illuminato	ALLARME
	Lampeggiante	Problema di comunicazione
Tutti i LED	Lampeggiante (consecutivamente)	All'alimentazione tutti i LED lampeggiano in sequenza fino alla fine del periodo di preriscaldamento (2-3 minuti). Alla fine del periodo di preriscaldamento il LED BLU continuerà a lampeggiare fino alla fine della fase di inizializzazione del canale Anti-Mask.

ES Indicación de los LEDs

LED	Estado	Descripción
Amarillo	Encendido	Detección PIR
	Parpadeando	Problema en el canal PIR
Verde	Encendido	Detección MW
	Parpadeando	Problema en el canal MW
Azul	Encendido	Indicación de ALARMA
	Parpadeando	Problema de comunicación
Todos los LEDs	Parpadeando (consecutivamente)	Al encendido, los LEDs parpadearán consecutivamente hasta que finalice el periodo de calentamiento (2-3 minutos). Al finalizar el periodo de calentamiento, el LED AZUL seguirá parpadeando hasta que termine la calibración del AM.

FR Affichage LED

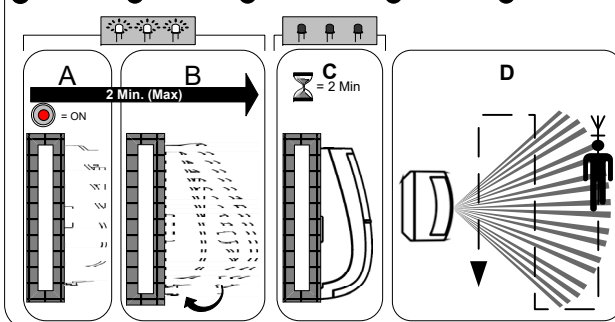
LED	Etat	Description
Jaune	Allumée	Détection IRP
	Clignotante	Défaut canal IRP
Verte	Allumée	Détection HF
	Clignotante	Défaut canal HF
Bleu	Allumée	Alarme
	Clignotante	Défaut de communication
Totalité LED's	Clignotante (consécutivement)	Au démarrage, les voyants LED clignotent successivement jusqu'à la fin de la période d'échauffement (2-3 minutes). A la fin de la période d'échauffement la LED bleue continuera à clignoter jusqu'à la fin de l'étalonnage AM.

PR Visualização dos LEDs

LED	Estado	Descrição
Amarelo	Aceso	Deteção de Infravermelho Passivo
	Piscado	Problema no canal Infravermelho Passivo
Verde	Aceso	Deteção no Microondas
	Piscado	Problema no canal Microondas
Azul	Aceso	ALARME
	Piscado	Problema de comunicação
Todos os LEDs	Piscado (sucessivamente)	Ao conectar, os LEDs piscarão consecutivamente até o final do período de aquecimento (2-3 minutos). Ao final do período de aquecimento, o LED AZUL continuará piscando até o final da iniciação do AM.

7

EN Walk Test IT Test Sensore ES Prueba de detección FR Test de Marche PR Prova de Movimento



UKCA and CE RED Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements of the UKCA Radio Equipment Regulations 2017 and CE Directive 2014/53/EU. For the UKCA and CE Declaration of Conformity please refer to our website: www.riscogroup.com

RISCO Group Limited Warranty

RISCO Ltd., Its subsidiaries and affiliates (the "Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because the Seller does not install or connect the product, and because the product may be used in conjunction with products not manufactured by the Seller, the Seller cannot guarantee the performance of the security system which uses this product.

The Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at the Seller's discretion, within a reasonable time after the date of delivery, any product not meeting these specifications. The Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

Under no circumstances should the Seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever. The Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

The Seller does not warrant that the product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection.

The buyer/customer understands that a correctly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not an insurance or a guarantee that such an event will not occur or that there will be no personal injury or property loss as a result thereof. Consequently the Seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning.

However, if the Seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, the Seller's maximum liability shall not exceed the purchase price of the product, which shall be a complete and exclusive remedy for the Seller.

No employee or representative of the Seller is authorized to change this warranty in any way or grant any other warranty. Batteries installed in or used with the products are explicitly excluded from this or any other warranty. Seller gives no warranty whatsoever as to batteries and buyer's only remedy (if any) shall be in accordance with the warranty provided (if and to the extent provided) by the manufacturers of batteries.

Ce produit répond aux exigences du référentiel de certification NF324-H58 pour la classification 2 boucliers, et de la EN 50131-2-4 et RTC 50131-2-4 Grade 2 Class II ; PD6662:2017

Organismes de certification
AFNOR CERTIFICATION: 11 rue Francis de Pressensé 93571
LA PLAINE SAINT-DENIS Cedex, <http://www.marque-nf.com>
CNPP Cert. : CS22265, 27950 ST MARCEL,
<http://www.cnpp.com> Certificate number: 2822000021

EN 50131-1, RTC 50131-2-4, EN 50131-2-4, Grade 2, Environmental Class II, IP30 IK04
Este equipamento se encontra certificado e homologado na ANATEL com o número de certificação 09734-24-06777
Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados
Para maiores informações, consulte o site da Anatel – <https://www.gov.br/anatel/pt-br>.


99232-24-06777

Contacting RISCO Group

RISCO Group is committed to customer service and product support. You can contact us through our website www.riscogroup.com or as follows:

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