

1. Descripción

El módulo de seguridad inalámbrico bidireccional LightSYS / LightSYS Plus / ProSYS Plus es una unidad que se utiliza como expansor inalámbrico cuando se conecta al panel de seguridad del LightSYS / LightSYS Plus / ProSYS Plus.

Funciones

- Soporte para la gama de sirenas inalámbricas, teclados Slim, mandos y detectores de RISCO
- Hasta 4 teclados Slim inalámbricos bidireccionales
- Hasta 4 sirenas
- Hasta 32 zonas
- Hasta 16 mandos multifunción
- Tecnología de código variable
- Detección de interferencias de señal
- Calibración del nivel del umbral
- Detección del tamper posterior y frontal
- Frecuencia central nominal: 433,92 MHz, 868,65 MHz
- Se puede instalar dentro o fuera del armario principal del LightSYS / LightSYS Plus / ProSYS Plus
- Hasta 2 módulos de seguridad inalámbricos por sistema LightSYS y 16 módulos de seguridad inalámbricos por sistema LightSYS Plus / ProSYS Plus (hasta 8 módulos de seguridad inalámbricos por bus)

2. Instalación

El módulo de seguridad inalámbrico puede montarse como una unidad independiente con su carcasa de plástico o como una placa de circuito impreso dentro del armario principal de policarbonato del LightSYS / LightSYS Plus / ProSYS Plus.

Paso 1: Selección de la ubicación de montaje

- Si se instala en su caja de plástico:
- No instalar el módulo de seguridad inalámbrico cerca de objetos metálicos y dispositivos generadores de RF como ordenadores o televisores.
 - Montar el módulo de seguridad inalámbrico a una altura mínima de 1,5 m del suelo.

- Montar el módulo de seguridad inalámbrico centrado y relativamente cerca de las ubicaciones de los transmisores.

Paso 2: Montaje del módulo (ver Figura 1)

1. Separar el soporte de montaje de la unidad principal.
2. Usar el soporte de montaje como plantilla de referencia.
3. Quitar los tapones de rosca si es necesario para cubrir el orificio del tornillo frontal.
4. Montar el soporte en la pared.

Paso 3: Cableado del módulo de seguridad inalámbrico (ver Figura 2)

Terminal (de izquierda a derecha)	Descripción
AUX RED	VCC de encendido de +13,8 V, (en conexión BUS, conectar a AUX en el LightSYS / LightSYS Plus / ProSYS Plus)
COM BLK	0 V común negro (en conexión BUS, conectar a COM en el LightSYS / LightSYS Plus / ProSYS Plus)
BUS YEL	Conexión del BUS de datos
BUS GRN	Conexión del BUS de datos

Notas:

1. El máximo recorrido de cable permitido es de 300 metros (velocidad lenta) para el total del cableado del BUS. Para obtener información sobre el calibre de cableado necesario, consulte el Manual del instalador de LightSYS / LightSYS Plus / ProSYS Plus, Apéndice B.
2. Al cerrar la tapa, usar un tapón de rosca ubicado en la parte trasera para cubrir el tornillo de cierre.

3. Configuración de interruptores DIP

	SW1 – SW3	Tres interruptores para definir el ID del módulo de seguridad inalámbrico
	SW4	NA

1. Description

Le module de sécurité sans fil bidirectionnel LightSYS / LightSYS Plus / ProSYS Plus est utilisé comme extension sans fil lorsqu'il est connecté à la centrale LightSYS / LightSYS Plus / ProSYS Plus .

Principales fonctionnalités

- Prise en charge de la gamme complète de sirènes sans fil, claviers Slim, télécommandes et détecteurs RISCO
- Jusqu'à 4 claviers bidirectionnels
- Jusqu'à 4 sirènes
- Jusqu'à 32 zones
- Jusqu'à 16 télécommandes multifonctions
- Technologie à code tournant
- Détection des signaux de brouillage
- Étalonnage du niveau seuil
- Détection d'autoprotection à l'ouverture et à l'arrachement
- Fréquence centrale nominale : 433,92 MHz, 868,65 MHz
- Installation possible à l'intérieur ou à l'extérieur du boîtier principal du système LightSYS / LightSYS Plus / ProSYS Plus
- Jusqu'à 2 modules de sécurité sans fil par système LightSYS et 16 modules de sécurité sans fil par système LightSYS Plus / ProSYS Plus (jusqu'à 8 modules de sécurité sans fil par bus)

2. Installation

Il est possible d'installer le module de sécurité sans fil comme une unité autonome avec son boîtier en plastique ou en tant que carte de circuit imprimé à l'intérieur du boîtier principal en polycarbonate du système LightSYS / LightSYS Plus / ProSYS Plus.

Étape 1 : Sélection de l'emplacement d'installation

- Installation dans son boîtier en plastique :
- N'installez pas le module de sécurité sans fil à proximité d'objets métalliques ou d'appareils générant des radiofréquences, notamment des téléviseurs ou des ordinateurs.
 - Installez le module de sécurité sans fil à au moins 1,5 m au-dessus du sol.

4. Indications de los LED

LED	Description
Todos los LED encendidos	Restablecimiento del WSE
Todos los LED encendidos excepto LED VERDE INTERMITENTE	Inicialización periférica del WSE
LED ROJO ENCENDIDO	Comunicación del BUS OK
LED ROJO INTERMITENTE lento	En modo Prog o Problema de comunicación del bus
LED ROJO ENCENDIDO y LED VERDE INTERMITENTE	Comunicación a través del canal de seguridad de RF
LED ROJO INTERMITENTE rápido	WSE en modo gestor de arranque
LED AMARILLO INTERMITENTE rápido	Radio de seguridad en modo de actualización rápido

5. Pasos de programación en LightSYS / LightSYS Plus / ProSYS Plus

Las siguientes instrucciones definen los principales pasos de programación en el panel LightSYS / LightSYS Plus / ProSYS Plus usando el módulo de seguridad inalámbrico. Se pueden asignar dos módulos de seguridad inalámbricos a LightSYS y dieciséis módulos de seguridad inalámbricos a LightSYS Plus / ProSYS Plus.

1. Definir el ID del módulo de seguridad inalámbrico con los interruptores [1]-[3]. El ID del módulo de seguridad inalámbrico es 1 por defecto.
2. Asignar el módulo de seguridad inalámbrico al sistema (LightSYS / ProSYS Plus menú Programación – Tecla rápida [7 > 1 > 2 > 05]) (LightSYS Plus menú Programación – Tecla rápida [7 > 1 > 2 > 1 > 05])
*Nota: si el módulo de seguridad inalámbrico se instala dentro del armario de LightSYS / LightSYS Plus / ProSYS Plus, será preciso definir la opción **Anulación del tamper** como **Sí**.*
3. Calibrar del módulo de seguridad inalámbrico (menú Programación – Tecla rápida [7 > 2 > 1])
4. Asignar el dispositivo inalámbrico (menú Programación – Tecla rápida [7 > 2 > 2])

4. Indication des voyants

Voyant	Description
Tous les voyants sont allumés	Réinitialisation WSE
Tous les voyants sont allumés, sauf le voyant vert qui clignote	Initialisation du périphérique WSE
Le voyant rouge est allumé	Communication correcte avec le BUS
Le voyant rouge clignote lentement	Mode de programmation en cours OU erreur de communication avec le bus
Le voyant rouge est allumé et le voyant vert clignote	Communication via le canal de sécurité RF
Le voyant rouge clignote rapidement	WSE en mode de démarrage
Le voyant jaune clignote rapidement	La radio de sécurité est en mode de mise à jour

5. Étapes de programmation du système LightSYS / LightSYS Plus / ProSYS Plus

Les instructions suivantes définissent les principales étapes de programmation de la centrale LightSYS / LightSYS Plus / ProSYS Plus à l'aide du module de sécurité sans fil. Deux modules de sécurité sans fil peuvent être attribués au système LightSYS et seize modules de sécurité sans fil peuvent être attribués au système LightSYS Plus / ProSYS Plus.

1. Définissez l'ID du module de sécurité sans fil à l'aide des interrupteurs [1]-[3]. L'ID du module de sécurité sans fil est défini par défaut sur 1.
2. Allouez le module de sécurité sans fil au système (LightSYS / ProSYS Plus Menu Programmation - Touche rapide [7 > 1 > 2 > 05]) (LightSYS Plus Menu Programmation - Touche rapide [7 > 1 > 2 > 1 > 05])
*Remarque : si le module de sécurité sans fil est installé à l'intérieur du boîtier du système LightSYS / LightSYS Plus / ProSYS Plus l'option **Exclusion autoprotection** doit être définie sur **Oui**.*
3. Étalonnez le module de sécurité sans fil (Menu de programmation - Touche rapide [7 > 2 > 1])
4. Allouez le périphérique sans fil (menu Programmation – Touche rapide [7 > 2 > 2]).
5. Effectuez un test de communication entre l'extension et le périphérique (Menu principal > Maintenance > Test sans fil).

5. Llever a cabo un test de comunicación entre el expansor y el dispositivo (menú Principal > Mantenimiento > Test inalámbrico).
6. Definir los parámetros del dispositivo inalámbrico (Zonas: Tecla rápida 2 > 1, Mandos – Tecla rápida 8 > 2) y los parámetros de salida (Tecla rápida 3).

6. Especificaciones técnicas

Parámetro	Descripción
Voltaje de funcionamiento	13 V +/- 10 %
Consumo de corriente	Típico: 40 mA; máx. 65 mA
Salida de potencia	868,65 MHz: 10 mW (máx)
Inmunidad RF	Conforme a la normativa EN50130-4
Rango (L.O.S)	300 metros
Temperatura de funcionamiento	De -10 °C a 55 °C
Temperatura de almacenaje	De -20 °C a 60 °C
Dimensiones	125,5 x 78 x 25,5 mm
Frecuencia	868,65 MHz, 433,92 MHz
Cumplimiento	Cumple las normas EN50131-3, EN50131-5-3 Grado2 Clase medioambiental II, PD 6662:2017

7. Información para pedidos

RP432EWS800A	Módulo de seguridad inalámbrico 868,65 MHz
RP432EWS400A	Módulo de seguridad inalámbrico 433,92 MHz

6. Réglez les paramètres de l'appareil sans fil (Zones : Touche rapide 2 > 1, Télécommandes - Touche rapide 8 > 2) et les paramètres de sortie (Touche rapide 3).

6. Caractéristiques techniques

Paramètre	Description
Tension de fonctionnement	13 V +/- 10 %
Consommation électrique	Typique : 40 mA ; max. 65 mA
Puissance de sortie	868,65 MHz : 10 mW (max)
Immunité RF	Conforme à la norme EN50130-4
Plage (L.O.S)	300 mètres
Température de fonctionnement	-10 °C à 55 °C
Température de stockage	-20 °C à 60 °C
Dimensions	125,5 x 78 x 25,5 mm
Fréquence	868,65 MHz, 433 MHz
Conformité	Conforme aux normes EN50131-3, EN50131-5-3 Grade 2 Classe environnementale II, PD 6662:2017

7. Informations de commande

RP432EWS800A	Module de sécurité sans fil 868,65 MHz
RP432EWS400A	Module de sécurité sans fil 433,92 MHz

1. Descrição

O módulo de segurança bidirecional sem fio LightSYS / LightSYS Plus / ProSYS Plus é uma unidade usada como expensor sem fio quando conectado ao painel de segurança LightSYS / LightSYS Plus / ProSYS Plus.

Características

- Compatível com a linha de sirenes sem fio, tedados slim, controles remotos e detectores da RISCO
- Até 4 teclados slim sem fio bidirecionais
- Até 4 sirenes
- Até 32 zonas
- Até 16 controles remotos multifuncionais
- Tecnologia de código dinâmico
- Detecção de bloqueio de sinal
- Calibração do nível-limite
- Detecção de violação traseira e frontal
- Frequência central nominal: 433,92 MHz, 868,65 MHz
- Instalável dentro ou fora do gabinete principal do LightSYS / LightSYS Plus / ProSYS Plus
- Até 2 módulos de segurança sem fio por sistema LightSYS e 16 módulos de segurança sem fio por sistema LightSYS Plus / ProSYS Plus (até 8 módulos de segurança sem fio por barramento)

2. Instalação

O módulo de segurança sem fio pode ser instalado como uma unidade separada com sua caixa de plástico ou como PCB dentro do gabinete principal de policarbonato do LightSYS / LightSYS Plus / ProSYS Plus.

Passo 1: Seleção do local de instalação

Quando instalado na caixa de plástico:

- Não instale o módulo de segurança sem fio próximo a objetos de metal e dispositivos que geram radiofrequência, como televisores ou computadores.

- Instale o módulo de segurança sem fio a uma altura de pelo menos 1,5 m (5 pés) acima do chão.
- Instale o módulo de segurança sem fio relativamente próximo e centralizado em relação aos locais de transmissores.

Passo 2: Instalação do módulo (veja a Figura 1)

1. Separe o suporte de montagem da unidade principal.
2. Use o suporte de montagem como modelo de marcação.
3. Retire as tampas de rosca, conforme necessário, para cobrir o furo de parafuso frontal.
4. Instale o suporte na parede.

Passo 3: Cablagem do módulo de segurança sem fio (veja a Figura 2)

Terminal (da direita para a esquerda)	Descrição
AUX RED (vermelho auxiliar)	Alimentação de +13,8 V CC (na conexão de bus, conecte ao AUX [auxiliar] na LightSYS / LightSYS Plus / ProSYS Plus)
COM BLK (preto comum)	Preto comum de 0 V (na conexão de bus, conecte ao COM [comum] da LightSYS / LightSYS Plus / ProSYS Plus)
BUS YEL (amarelo do bus)	Conexão de dados do bus
BUS GRN (verde do bus)	Conexão de dados do bus

Notas:

1. A extensão máxima do fio permitida é de 300 metros (1.000 pés) em velocidade baixa para a fiação total do bus. Consulte o apêndice B do manual do instalador do LightSYS / LightSYS Plus / ProSYS Plus para obter as informações necessárias sobre o medidor de fiação.
2. Ao fechar a tampa, utilize uma tampa de rosca localizada na parte traseira para cobrir o parafuso de fechamento.

3. Configuração das chaves DIP

	CH1 – CH3	Três chaves para definir o ID do módulo de segurança sem fio
	CH4	N/D

Step 2: Installeren van de uitbreiding (zie figuur 1)

1. Ontkoppel de achterplaat van de hoofdprint.
2. Gebruik de achterplaat als sjabloon voor de gaten.
3. Breek de schroefdopjes los, welke u kan gebruiken om de schroefgaten te bedekken.
4. Installeer de achterplaat op de muur.

Step 3: Aansluiten van de DL uitbreiding (zie figuur 2)

Aansluitklem (links naar rechts)	Beschrijving
AUX RED	+13.8V voeding VDC, (bij een bus verbinding aansluiten op de AUX van de LightSYS / LightSYS Plus / ProSYS Plus).
COM BLK	Zwart 0V common (Bij een bus connectie aansluiten op de COM van de LightSYS / LightSYS Plus / ProSYS Plus)
BUS YEL	Data bus connectie
BUS GRN	Data bus connectie

Opmerkingen:

1. De maximale draadlengte welke toegelaten is, 300 meter (1,000 feet) voor trage snelheid voor de totale buslengte. Voor de aanbevolen draaddikte, gelieve LightSYS / LightSYS Plus / ProSYS Plus handleiding te raadplegen, Appendix B.
2. Bij het sluiten van de cover gebruikt u de schroefdop welke zich op de achterzijde bevindt om de afsluitschroef te bedekken.

3. DIP Switch Configuratie



SW1 – SW3	Drie switches om het ID van de DL Security Module in te stellen
SW4	NA

4. Indicação dos LEDs

LED	Descrição
Todos os LEDs ACESOS	Redefinição do WSE
Todos os LEDs ACESOS, exceto LED VERDE A PISCAR	Inicialização de periférico do WSE
LED VERMELHO ACESO	Comunicação normal no BUS
LED VERMELHO A PISCAR	Em modo de programação ou problema de comunicação no bus
LED VERMELHO ACESO e LED VERDE A PISCAR	Comunicação via canal de segurança de RF
LED VERMELHO A PISCAR rápido	WSE em modo de carregador de inicialização
LED AMARELO A PISCAR rápido	Rádio de segurança em modo de atualização

5. Etapas de programação no LightSYS / LightSYS Plus / ProSYS Plus

As instruções a seguir indicam as principais etapas de programação do painel LightSYS / LightSYS Plus / ProSYS Plus usando o módulo de segurança sem fio. É possível alocar 2 módulos de segurança sem fio para o LightSYS e 16 módulos de segurança sem fio para o LightSYS Plus / ProSYS Plus.

1. Defina o ID do módulo de segurança sem fio usando as chaves [1] a [3]. Por padrão, o ID do módulo de segurança é definido como 1.
2. Atribua o módulo de segurança sem fio ao sistema (LightSYS / ProSYS Plus Programming menu [Menu de programação] – Teclas rápidas [7 > 1 > 2 > 05]). (LightSYS Plus Programming menu [Menu de programação] – Teclas rápidas [7 > 1 > 2 > 1 > 05]).
Observação: se o módulo de segurança sem fio estiver instalado dentro do gabinete do LightSYS / LightSYS Plus / ProSYS Plus, a opção **Bypass Tamper** (Ignorar violação) deve ser definida como **Yes** (Sim).
3. Calibre o módulo de segurança sem fio (Programming menu [Menu de programação] – Teclas rápidas [7 > 2 > 1]).

4. LED's Indicatie

LED	Beschrijving
Alle LEDs AAN	WSE reset
Alle LED's AAN behalve GROENE LED KNIPPERT	WSE peripheral initializatie
RODE LED AAN	BUS communicatie OK
RODE LED knippert traag	In Prog Mode OF Bus Communicatiefout
RODE LED AAN en GROENE LED KNIPPERT	Communicatie via RF security kanaal
RODE LED KNIPPERT snel	WSE in bootloader mode
GELE LED KNIPPERT snel	Security radio is in update mode

5. Programmeerstappen in de LightSYS / LightSYS Plus / ProSYS Plus

De volgende instructies beschrijven de hoofdstappen voor de programmering bij het LightSYS / LightSYS Plus / ProSYS Plus paneel bij gebruik van de draadloze uitbreiding. Twee uitbreidingen kunnen aangeleerd worden op de LightSYS goud zestien uitbreidingen kunnen aangeleerd worden op de LightSYS Plus / ProSYS Plus.

1. Stel de DL Security Module ID in door gebruikt te maken van de switches [1]-[3]. De DL Security Module ID is standaard ingesteld op 1.
2. Aanleren van de DL Security Module aan het systeem (LightSYS / ProSYS Plus Programmeermenu – Sneltoets [7 > 1 > 2 > 05] (LightSYS Plus Programmeermenu – Sneltoets [7 > 1 > 2 > 1 > 05])
Opmerking: Wanneer de DL Video uitbreiding in de behuizing geïnstalleerd wordt dient de u de **Sabotage overbrugging** in te stellen als **Ja**.
3. Kalibreer de DL Security Module (Programmeermenu – Sneltoets [7 > 2 > 1]
4. Aanleren draadloos apparaat (Programmeermenu – Sneltoets [7 > 2 > 2]
5. Voer een communicatietest uit tussen de uitbreiding en het apparaat (Hoofdmenu > Onderhoud > Draadloze Test).
6. Stel de DL apparaat parameters in (Zones: Sneltoets 2 > 1, Afstandsbedieningen – Sneltoets 8 > 2) en de parameters voor uitgangen (Sneltoets 3).

4. Atribua o dispositivo sem fio (Programming menu [Menu de programação] – Teclas rápidas [7 > 2 > 2]).
5. Execute o teste de comunicação entre o expensor e o dispositivo (Main menu [Menu principal] > Maintenance [Manutenção] > Wireless Test [Teste sem fio]).
6. Defina os parâmetros do dispositivo sem fio (Zones [Zonas]: Teclas rápidas 2 > 1, Keyfobs [Controles remotos] – Teclas rápidas 8 > 2) e os parâmetros de saída (tecla rápida 3).

6. Especificações técnicas

Parâmetro	Descrição
Tensão de operação	13 V +/- 10%
Consumo de corrente	Típica: 40 mA; máx.: 65 mA
Potência de saída	868,65 MHz: 10 mW (máx.)
Imunidade a RF	Em conformidade com a EN50130-4
Alcance (linha de visão)	300 metros
Temperatura de funcionamento	-10 °C a 55 °C (14 °F a 131 °F)
Temperatura de armazenamento	-20 °C a 60 °C (-4 °F a 140 °F)
Tamanho	125,5 X 78 X 25,5 mm (4,94 X 3,07 X 1 pol.)
Frequência	868,65 MHz, 433 MHz
Conformidade	Em conformidade com a EN50131-3, EN50131-5-3 de grau 2, classe ambiental II, PD 6662:2017

7. Informações sobre pedidos

RP432EWS800A	Módulo de segurança sem fio de 868 MHz
RP432EWS400A	Módulo de segurança sem fio de 433,92 MHz

6. Technische specificaties

Parameter	Beschrijving
Bedrijfsspanning	13V +/- 10%
stroomverbruik	Typisch: 40 mA; max 65 mA
Vermogen	868.65Mhz:10mW (max)
RF Immuniteit	Volgens EN50130-4
Bereik (L.O.S)	300 meter
Werkings temperatuur	-10°C tot 55°C (14°F tot 131°F)
Opslagtemperatuur	-20°C tot 60°C (-4°F tot 140°F)
Afmetingen	125.5 X 78 X 25.5 mm (4.94 X 3.07 x 1 inch)
Frequentie	868.65 MHz, 433.92 MHz
Overeenstemming	Voldoet aan EN50131-3, EN50131-5-3 Graad2 Omgevingsklasse II, PD 6662:2017

7. Bestelinformatie

RP432EWS800A	Draadloze Security Module 868MHz
RP432EWS400A	Draadloze Security Module 433.92MHz

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

Standard Limited Product Warranty (“Limited Warranty”)

RISCO Ltd. (“**RISCO**”) guarantee RISCO’s hardware products (“**Products**”) to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the “**Warranty Period**”). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.

Contact with customers only. This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO’s customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO’s authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO’s authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privity with, any recipient of a Product.

Remedies. In the event that a material defect in a Product is discovered and reported to RISCO during the Warranty Period, RISCO shall accept return of the defective Product in accordance with the below RMA procedure and, at its option, either (i) repair or have repaired the defective Product, or (ii) provide a replacement product to the customer.

Return Material Authorization. In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender’s expense. The returned Product must be accompanied with a detailed description of the defect discovered (“**Defect Description**”) and must otherwise follow RISCO’s then-current RMA procedure published in RISCO’s website at www.riscogroup.com in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty (“**Non-Defective Product**”), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer’s expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.

Entire Liability. The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO’s entire liability and customer’s sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO’s obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.

Limitations. This Limited Warranty is the only warranty made by RISCO with respect to the Products. The warranty is not transferable to any third party. To the maximum extent permitted by applicable law, this Limited Warranty shall not apply and will be void if: (i) the conditions set forth above are not met (including, but not limited to, full payment by customer for the Product and a proven weekly testing and examination of the Product functionality); (ii) if the Products or any part or component thereof: (a) have been subjected to improper operation or installation; (b) have been subject to neglect, abuse, willful damage, abnormal working conditions, failure to follow RISCO’s instructions (whether oral or in writing); (c) have been misused, altered, modified or repaired without RISCO’s written approval or combined with, or installed on products, or equipment of the customer or of any third party; (d) have been damaged by any factor beyond RISCO’s reasonable control such as, but not limited to, power failure, electric power surges, or unsuitable third party components and the interaction of software therewith or (e) any failure or delay in the performance of the Product attributable to any means of communication provided by any third party service provider, including, but not limited to, GSM interruptions, lack of or internet outage and/or telephony failure. BATTERIES ARE EXPLICITLY EXCLUDED FROM THE WARRANTY AND RISCO SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN RELATION THERETO, AND THE ONLY WARRANTY APPLICABLE THERETO, IF ANY, IS THE BATTERY MANUFACTURER’S WARRANTY. RISCO does not install or integrate the Product in the end user’s security system and is therefore not responsible for and cannot guarantee the performance of the end user’s security system which uses the Product or which the Product is a component of.

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