



Specifications PRXMG5050+-V74

The PRXMG5050+-V74 is a Magellan 32-Zone Wireless Transceiver Control Panel.

Features:

- 2 serial outputs master/slave
- M2 two-way FSK hardware ready
- 8 on-board zones (16 with ATZ)
- Built-in transceiver (433 MHz)
- Expandable to 32 zones, 2 partitions, 32 users and 32 remotes
- 4-wire communication bus (connect up to 15 modules)
- Supports IP and cellular IP reporting
- Supports 16 PGMs (any of which can be wireless)
- App-based system control via BlueEye
- In-field firmware upgrade via 307USB And BabyWare remote or local
- Menu-driven programming for the Installer, Master and Maintenance codes
- Multiple telephone numbers for event reporting: 3 monitoring and 5 for Personal Dialing
- Calendar with Daylight savings Time
- StayD Mode
- Sleep arming method
- RF Jamming Supervision
- 512 events buffered.

P ▲ R ▲ D O X™



Specifications PRX278000033-P2C

The PRX278000033-P2C is a metal box enclosure for provision multiple module and panel mounting.

Features:

- Many punch-out holes for simple wiring
- Easy door removal
- Sizes: 28cm X 28cm X 7.6cm (11" x11" x 3")

P ▲ R ▲ D O X™



Specifications PRXK-TK278

The PRXK-TK278 is a BOM Kit for 1x tamper switch PRX2502302000-P2C and 1x tamper bracket PRX2781030000-P2C to suit with Paradox Metal Box Enclosure PRX2780000033-P2C; to protects against tampering (opening door or removal from wall).

P ▲ R ▲ D O X™

SP5500+ / SP6000+ / SP7000+ User Guide

4 to 32-Zone Expandable Security Systems



P ▲ R ▲ D O X™



REM2

Two-Way Remote Control

Instructions / Instrucciones V3.0

English

What's New in V3.0

- When pressing the [i] button, the status of the system is now available for the first five minutes after being received from the control panel.

Introduction

The REM2 is a water-resistant 5-button remote control that provides the user with the status of their system by pressing the [i] button. The remote control provides both auditory and visual feedback in an attractive streamlined style. To activate the remote's backlight, press any button twice.

The feedback provided for the user is separated into two categories: security feedback and accessory feedback. Security feedback deals with actions concerning arming and disarming, system in alarm, and panic alarms. Accessory feedback deals with actions concerning the FM tuner and PGMs. If the remote fails to communicate with the system, the LED will flash red rapidly, and a fail beep will occur.

The REM2 is available in a 433MHz or 868MHz version. The 868MHz version is not UL approved.

Compatibility

- MG6250
- MG5000 / MG5050
- RPT1
- RTX3

ID Label

Use the space provided on the back of the unit to identify the remote control's owner.

Range

- 30m (100 ft) with the MG6250
- 45m (150 ft) with the MG5000, MG5050 / RPT1 / RTX3

Battery

One 3V lithium battery (2032). Battery life expectancy is a minimum of 2 years.

How to Replace the Battery

- Remove the screw from the back of the remote control and carefully remove the back cover.
- Use a non-metallic object, or any plastic device, to push the battery out from under the battery plate (see Figure 1). Avoid using metal as it may cause a short in the board.
- Insert the new battery. Make sure the positive side of the battery is inserted face up.
- Set the back cover in place, and fasten it with the two screws.

Warning: Danger of explosion exists if the lithium battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

This product contains a coin cell battery. If the coin cell battery is swallowed, it can cause severe internal burns in under two hours and can lead to death.

Español

Novedades de la Versión 3.0

- Al presionar el botón [i], el estado del sistema está ahora disponible solo durante los primeros cinco minutos después de haber sido recibida la información desde el panel de control.

Introducción

El REM2 es un control remoto de 5 botones resistente al agua que permite que el usuario conozca el estado de su sistema con tan solo pulsar el botón [i]. El control remoto provee información de manera visual y audible y viene en un atractivo diseño aerodinámico. Para activar la luz del fondo del control remoto, pulsar cualquier botón dos veces.

La información brindada al usuario puede dividirse en dos categorías: información sobre la seguridad e información sobre los accesorios.

La información sobre la seguridad tiene que ver con el armado y desarmado, las alarmas del sistema y las alarmas de pánico. La información sobre los

accesorios tiene que ver con las acciones respecto al sintonizador FM y las PGMs. Si hay un error de comunicación entre el control remoto y el sistema, la luz LED roja parpadea rápidamente, y se escucha un tono de fallo.

El REM2 está disponible en versión de 433MHz ó 868MHz. La versión de 868MHz no está homologada por UL.

Compatibilidad

- MG6250
- MG5000 / MG5050
- RPT1
- RTX3

Etiqueta de Identificación

Usar el espacio disponible en la parte trasera de la unidad para identificar al propietario del control remoto.

Alcance

- 30 m (100 ft) con MG6250
- 45m (150 ft) con MG5000, MG5050 / RPT1 / RTX3

Batería

Una batería de litio de 3V (2032). La esperanza de vida de la batería es de mínimo 2 años.

Cómo Cambiar la Batería

- Retirar el tornillo de la parte trasera del control remoto y retirar con cuidado la cubierta trasera.
- Emplear un objeto no metálico, o algún útil plástico, para sacar la batería de debajo de la placa de batería (ver la Figura 1). Evitar el uso de objetos de metal pues podrían causar un corto en la placa.
- Insertar la nueva batería. Verificar que el lado positivo de la batería este mirando hacia arriba.
- Reponer la cubierta trasera en su lugar y reajustarla con el tornillo.

Aviso: Hay peligro de explosión si la batería de litio es cambiada incorrectamente. Reemplazar solo con baterías del mismo tipo o un equivalente recomendado por el fabricante. Deshacerse de las baterías usadas siguiendo las instrucciones del fabricante. Este producto contiene una batería de celda de moneda. Si la batería de celda de moneda es ingerida, puede causar quemaduras internas graves en menos de dos horas y puede llevar a la muerte

Français

Du nouveau avec la V3.0

Lorsque vous appuyez sur la touche [i], l'état du système est maintenant disponible pendant les cinq premières minutes après avoir été reçu par le panneau de contrôle.

Introduction

La REM2 est une télécommande à 5 boutons résistante à l'eau qui permet à l'utilisateur de connaître l'état de son système en appuyant simplement sur le bouton [i]. En plus d'avoir une forme profilée attrayante, la télécommande offre une rétroaction sonore et visuelle. Pour activer le rétroéclairage de la télécommande, appuyer deux fois sur n'importe quel bouton.

La rétroaction conçue pour l'utilisateur est divisée en deux catégories : la rétroaction pour les fonctions de sécurité et la rétroaction pour les fonctions accessoires. La rétroaction pour les fonctions de sécurité donne suite aux actions concernant l'armement et le désarmement du système, le déclenchement d'une alarme ainsi que les alarmes de panique. La rétroaction pour les fonctions accessoires donne suite aux actions concernant le syntoniseur FM et les sorties PGM. Si la télécommande ne peut entrer en communication avec le système, la DEL rouge clignotera rapidement et un signal de rejet se fera entendre.

La REM2 est disponible en version 433 MHz et en version 868 MHz. La version de fréquence 868 MHz n'est pas homologuée par les UL.

Compatibilité

- MG6250
- MG5000 / MG5050
- RPT1
- RTX3

Étiquette d'identification

Utiliser les espaces disponibles au dos de l'unité pour identifier le propriétaire de la télécommande.

Portée

- 30 m (100 pi) avec le MG6250
- 45 m (150 pi) avec le MG5000, MG5050 / RPT1 / RTX3

Batterie

Une batterie au lithium de 3 V (2032). La durée de vie minimale de la batterie est de 2 ans.

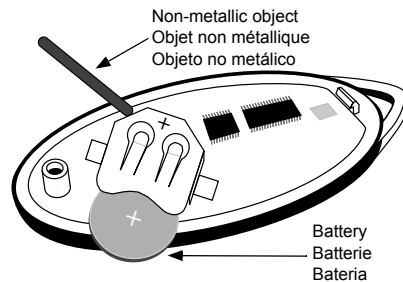
Comment remplacer la batterie

1. Retirer la vis à l'arrière de la télécommande et enlever le couvercle arrière avec soin.
2. Utiliser un objet non métallique ou tout dispositif de plastique pour retirer la batterie de la plaque pour batterie (voir Figure 1). Éviter d'utiliser du métal, car cela pourrait causer un court-circuit dans la carte électronique.
3. Insérer la nouvelle batterie. S'assurer que le côté positif de la batterie est inséré vers le haut.
4. Mettre le couvercle arrière en place et le fixer avec la vis.

Avvertissement : Il y a danger d'explosion si la batterie au lithium n'est pas remplacée correctement. La remplacer seulement avec une batterie du même type ou d'un type équivalent recommandé par le fabricant. Jeter les batteries usagées selon les instructions du fabricant.

Ce produit contient une pile bouton. Si la pile bouton est avalée, elle peut provoquer de graves brûlures internes en moins de deux heures et peut entraîner la mort.

Figure/Figura 1



Warranty

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Specifications DFMWP16

The DFMWP16 is combo siren and strobe (slim design).

- New design
- Siren tone selectable for different applications
- Sound volume adjustable: low dB for testing and high dB for normal operation
- Bright: new LED strobe design
- Independent siren and strobe operation
- High quality UV treated case
- Weatherproof
- Front and back tampers
- EOLRs built in, suitable for most major alarm panels

Operating voltage: 9-15VDC

SPL @ 1meter: 110dB

Siren current draw: 150mA

Strobe current draw: 50mA

Siren tone selectable: Tone 1: warble; Tone 2: Hi/Lo

Dimension: 200 x 110 x 40mm





WP16 Combo Siren/Strobe

Voltage: 9-15VDC

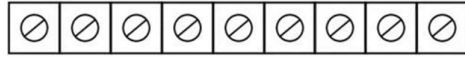
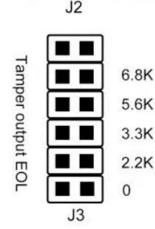
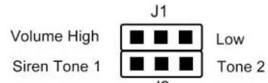
Current: Max 150mA @ 12VDC

High Volume: 110±3 dB @ 1meter

Low Volume: 95±3 dB @ 1meter

Tone 1: Warble

Tone 2: Hi/Lo



+ Siren - Input + Strobe - Input + LED - Night Comfort Tamper Output Spare





Specifications DFMWP05

The DFMWP05 is indoor flush mount piezo.

Input voltage: 12VDC

SPL @ 1meter: 110dB

Current draw: 90mA





VRLA 12V7AH

SA12V7

Specifications

Nominal Voltage	12 V	
Nominal Capacity 20HR	7.0 AH	
Dimensions	Length	151±1mm (5.94 inches)
	Width	65±1mm (2.56 inches)
	Container Height	95±1mm (3.74 inches)
	Total Height (with terminal)	100±1mm (3.94 inches)
Approx Weight	Approx 2.10 kg (4.63 lbs)	
Terminal	F1	
Container Material	ABS Plastic	
Lead Material	Purity Lead 99.995%	
Sulfuric Acid	Distilled Sulfuric Acid (Zero metal content)	
Separator	AGM	
Rated Capacity	7.00 AH/0.350A	(20hr, 1.80V/cell, 25°C/77°F)
	6.53 AH/0.653A	(10hr, 1.80V/cell, 25°C/77°F)
	6.00 AH/1.20A	(5hr, 1.75V/cell, 25°C/77°F)
	5.37 AH/1.79A	(3hr, 1.75V/cell, 25°C/77°F)
	4.55 AH/4.55A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	105A (5s)	
Internal Resistance	Approx 23mΩ	
Operating Temp.Range	Discharge	: -15 - 50°C (5 - 122°F)
	Charge	: 0 - 40°C (32 - 104°F)
	Storage	: -15 - 40°C (5 - 104°F)
Nominal Operating Temp.Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 2.1A. Voltage 14.4V - 14.7V at 25°C (77°F) Temp.Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13.5V - 13.8V at 25°C (77°F) Temp.Coefficient -20 mV/°C	
Capacity affected by Temperature	40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 86%	
Self Discharge	Sentry AGM series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	



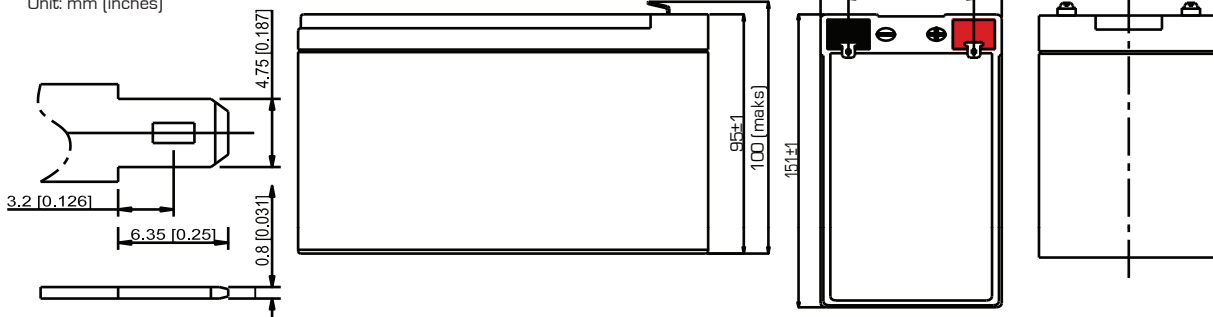
Applications

- All purpose
- Standby Applications
- Recreation Vehicles
- Uninterruptible Power Supply (UPS)
- Electric Power System (EPS)
- Fire & Security
- Generators
- Medical Equipment

Dimensions

F1 Terminal

Unit: mm (inches)



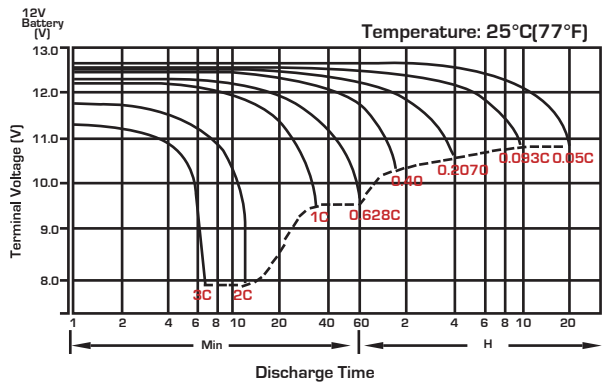
Constant Current Discharge (Amperes) at 25°C (77°F)

F.V./Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	18.0	12.8	10.48	8.79	6.53	4.79	3.86	2.29	1.69	1.36	1.14	0.98	0.774	0.640	0.345
1.80V/cell	21.4	14.3	11.4	9.44	6.94	5.05	4.03	2.38	1.74	1.40	1.17	1.01	0.791	0.653	0.350
1.75V/cell	24.2	15.6	12.2	10.0	7.29	5.27	4.18	2.45	1.79	1.43	1.20	1.03	0.805	0.663	0.357
1.70V/cell	26.7	16.7	12.9	10.5	7.59	5.46	4.32	2.51	1.83	1.46	1.22	1.05	0.817	0.672	0.361
1.65V/cell	28.8	17.7	13.5	10.9	7.86	5.62	4.46	2.57	1.86	1.48	1.23	1.06	0.826	0.680	0.365
1.60V/cell	30.6	18.6	14.1	11.3	8.09	5.76	4.55	2.61	1.89	1.50	1.25	1.07	0.834	0.685	0.367

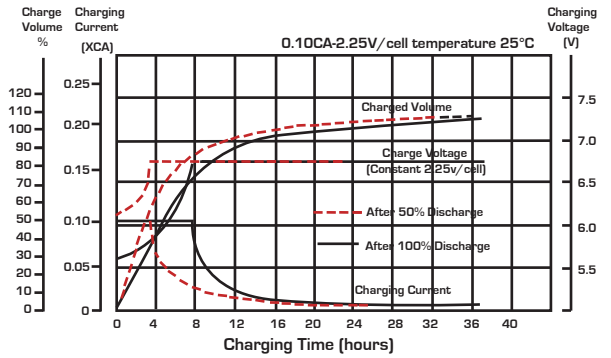
Constant Power Discharge (Watts/Cell) at 25°C (77°F)

F.V./Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	34.2	24.5	20.2	17.1	12.8	9.44	7.64	4.56	3.37	2.72	2.29	1.99	1.565	1.296	0.701
1.80V/cell	40.2	27.2	21.9	18.3	13.5	9.91	7.96	4.72	3.47	2.79	2.34	2.03	1.593	1.318	0.708
1.75V/cell	45.1	29.5	23.3	19.3	14.2	10.3	8.23	4.85	3.55	2.85	2.39	2.06	1.616	1.344	0.719
1.70V/cell	49.2	31.3	24.5	20.1	14.7	10.6	8.48	4.96	3.62	2.89	2.42	2.09	1.633	1.347	0.725
1.65V/cell	52.6	32.9	25.5	20.8	15.2	10.9	8.73	5.05	3.68	2.93	2.45	2.11	1.649	1.359	0.731
1.60V/cell	55.5	34.3	26.3	21.5	15.5	11.2	8.88	5.12	3.72	2.96	2.47	2.13	1.660	1.367	0.734

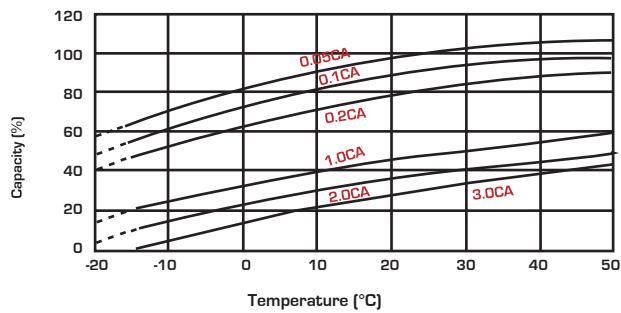
Discharge Characteristics



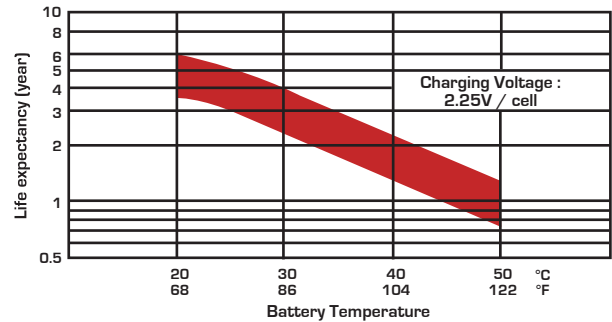
Float Charging Characteristics



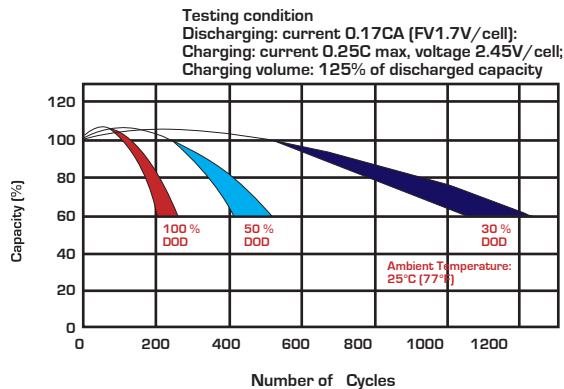
Temperature Effects in Relation to Battery Capacity



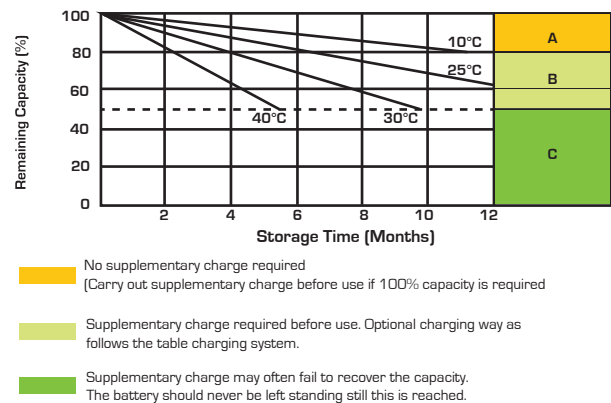
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



Charging System

DOD	Current Limit (A)	Constant Voltage (V)	Fully Charged Time (h)
20	0.15C ₁₀	13.5-13.8 vpc (12V)	10
	0.20C ₁₀	6.75-6.9 vpc (6V)	8
50	0.15C ₁₀	13.5-13.8 vpc (12V)	15
	0.20C ₁₀	6.75-6.9 vpc (6V)	12
80	0.15C ₁₀	13.5-13.8 vpc (12V)	16
	0.20C ₁₀	6.75-6.9 vpc (6V)	14
100	0.15C ₁₀	13.5-13.8 vpc (12V)	20
	0.20C ₁₀	6.75-6.9 vpc (6V)	18

State of Charge (SOC)

Open Circuit Voltage (V/cell)	Open Circuit Voltage (12V/cell)	Open Circuit Voltage (6V/cell)	State of Charge (% of full charge capacity)
2.14-2.15	12.84-12.90	6.42-6.46	100
2.12-2.13	12.72-12.78	6.36-6.39	90
2.11	12.66	6.33	80
2.09	12.54	6.27	70
2.07	12.42	6.21	60
2.05	12.30	6.15	50



Sealed Performance Batteries

Domestic Sales | Ph: +61 (0)7 3386 1102 | Fax: +61 (0)7 3102 9913

sales@spb.net.au | www.sealedperformance.com.au

National Warehouse | 1 Ant Road | Yatala, Brisbane QLD 4207

Melbourne Office | 2/9 Compark Circuit | Mulgrave, Melbourne VIC 3170

ITEM	SPECIFICATION	
1. Primary rated input voltage	AC240V 50Hz 133mA	
2. Secondary rated output voltage and current	Unloaded voltage: AC 18 V ± 5% Loaded Voltage : AC 16 V ± 5% AT 1500 mA	
3. Ripple voltage	*** mV (RMS) MAX. AT Rated Loading	
4. Insulation resistance	Primary - secondary: DC 500 V 100 MΩ Min	
5. Dielectric withstand test	Primary - secondary: AC 3.64 KV 1 seconds	
6. Temperature rise	At rated loading 90°C max. For input coil (By resistance method) and 55°C max. on case surface (By use of thermometer)	
7. EFFICIENCY	≥ 79%	
8. Leadout	Primary	SAA PLUG IN TYPE
	Secondary	PVC cable length: 1.8 Meter Colour : GREY (RAL7035) Wire size: AWG#20/3C Plug : STRIPPED AND TINNED
9. Test circuit		
10. Case	SAA48 colour = GREY (RAL7035)	

	REVISED	DRAWN	APPROVED
①	AMENDED PACKING QTY AND CARTON SIZE	JACKY 10/08/09	GARY 10/08/09
②	ADDED DATE CODE ON CASE AND DIMENSIONS	JACKY 07/12/09	GARY 07/12/09
③	ADDED PASSED LABEL ON CARTON	TODD 22/12/10	JACKY 22/12/10
④	AMENDED AC PINS DIMENSION & ADDED WIRES COLORS	ANLEI 01/11/12	ANLEI 01/11/12
⑤	CHANGED CROSS-SHAPED SCREW TO SHAPE SCREW ON CASE	MARK 31/08/15	FREDERICK 31/08/15

TE DRAWING NO: TE40-0001 R5

PART NO: 16VAC1500MPS/6

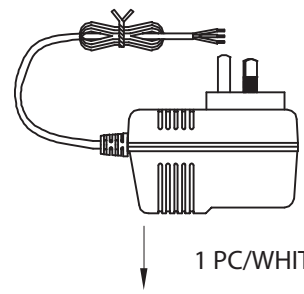
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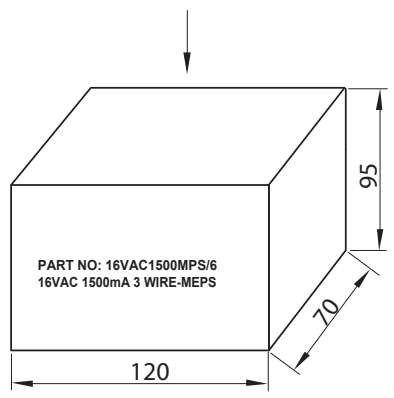
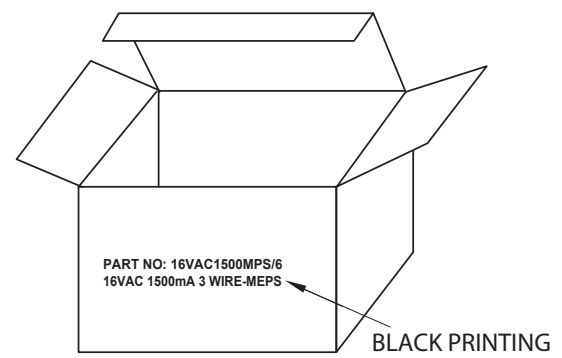
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SIZE	A4	DATE	30/04/09	CHECKED	KEVIN 30/04/09		ORDER REF:	0420	SHEET 2 OF 3	TOLERANCES UNLESS OTHERWISE STATED X.= +/- .X= +/-0.5 .XX= +/-0.2
UNIT	MM	DRAWN	KEVIN	APPROVED	FRANK 30/04/09		CUSTOMER:	TE		
SCALE	NTS	MANU:				DATE:				

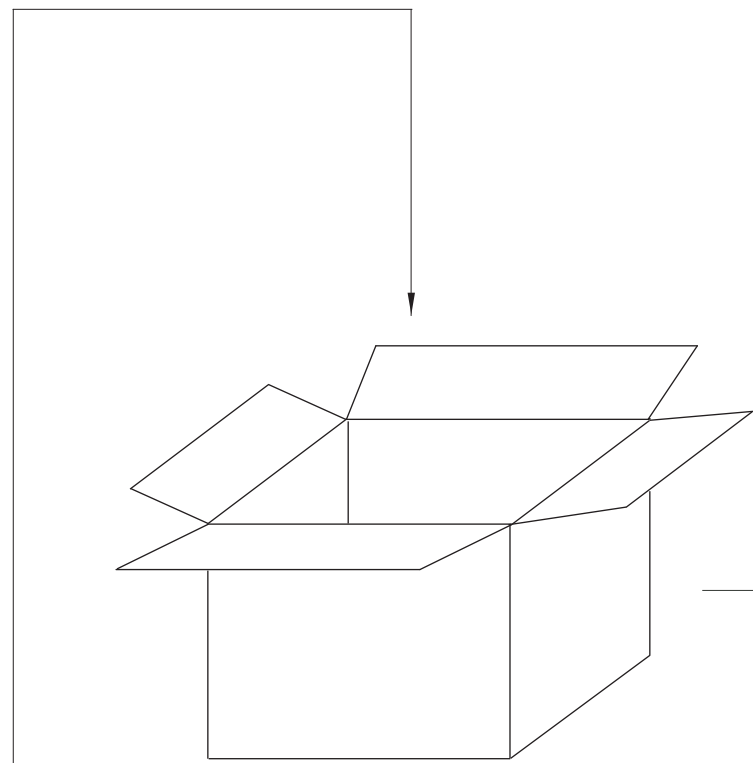
	REVISED	DRAWN	APPROVED
①	AMENDED PACKING QTY AND CARTON SIZE	JACKY 10/08/09	GARY 10/08/09
②	ADDED DATE CODE ON CASE AND DIMENSIONS	JACKY 07/12/09	GARY 07/12/09
③	ADDED PASSED LABEL ON CARTON	TODD 22/12/10	JACKY 22/12/10
④	AMENDED AC PINS DIMENSION & ADDED WIRES COLORS	ANLEI 01/11/12	ANLEI 01/11/12
⑤	CHANGED CROSS-SHAPPED SCREW TO SHAPE \perp . SCREW ON CASE	MARK 31/08/15	FREDERICK 31/08/15



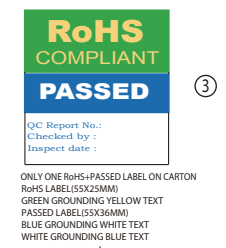
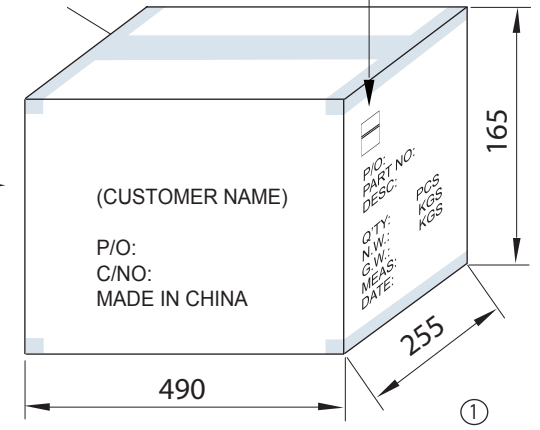
1 PC/WHITE BOX



20 BOXES/CARTON ①



ADHESIVE TAPE




TE DRAWING NO: TE40-0001 R5 PART NO: 16VAC1500MPS/6

DESCRIPTION: AC ADAPTOR EI-48Q, 16VAC1500mA, 3 WIRE - MEPS



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SIZE	A4	DATE	30/04/09	CHECKED	KEVIN 30/04/09		ORDER REF:	0420	SHEET 3 OF 3	TOLERANCES UNLESS OTHERWISE STATED X.= +/-1 .X.= +/-0.5 .XX.= +/-0.2
UNIT	MM	DRAWN	KEVIN	APPROVED	FRANK 30/04/09		CUSTOMER:	TE		
SCALE	NTS	MANU:				DATE:				



Specifications TELLC0280

The TELLC0280 is the telephone lead with 606 Socket and 2 Meter length of Telephone Cord.

Colour: Ivory.

