



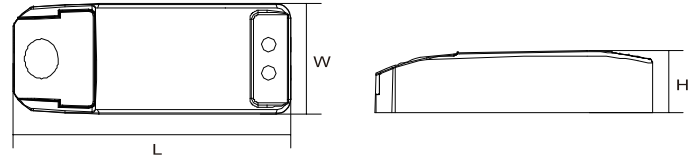
LED DRIVER & CONTROLLER
2010 AcTEC CATALOGUE



LED DRIVER

LED驅動器 (P23-35)

Constant Voltage LED Driver LED恒壓驅動器

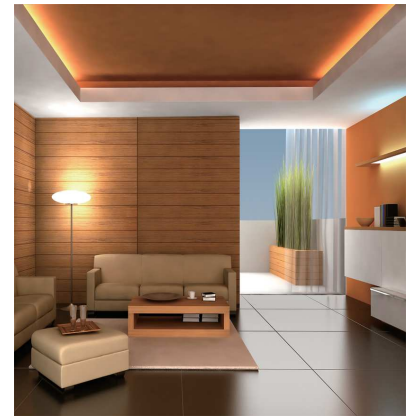


Product Features:

- Independent compact design
- Easy press cable lock
- Captured terminal screws
- Safe no-load operation
- Overload protection
- Short circuiting protection
- Overheating protection
- Simple installation
- SELV equivalent
- Protection class II
- 50,000 hrs service life time

產品特點:

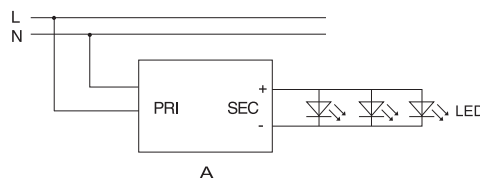
- 超小體積，獨立式緊湊型設計
- 簡便自鎖式壓線蓋
- 螺絲鎖緊大接線端子，方便多規格線接駁
- 安全無負載保護裝置
- 輸出過載保護
- 輸出短路保護
- 過溫保護功能
- 安裝經濟便捷
- 符合安全特低電壓標準
- 保護等級 II
- 50,000小時長壽命設計



Model No. 型號	Input Voltage 額定電壓 (V)	Max. Output 功率 (W)	Output Voltage 輸出電壓 (V)	Output Current 輸出電流 (A)	Power Factor 功率因數 (入)	Ambient Temperature 環境溫度 ta (°C)	Casing Temperature 最大外殼溫度 tc (°C)	Dimensions 尺寸 (mm)	Weight 重量 (g)	Wiring Diagram 接線圖
EGL12V/3W	100-240	3	12	0-0.25	0.60	-20...+50	75	81x39x22	50	A
EGL12V/6W	100-240	6	12	0-0.50	0.60	-20...+50	75	98x39x22	60	A
EGL12V/15W	220-240	15	12	0-1.25	0.60	-20...+50	75	113x44x28	100	A
EGL24V/3W	100-240	3	24	0-0.125	0.60	-20...+50	75	81x39x22	50	A
EGL24V/6W	100-240	6	24	0-0.25	0.60	-20...+50	75	98x39x22	60	A
EGL24V/15W	220-240	15	24	0-0.625	0.60	-20...+50	75	113x44x28	100	A

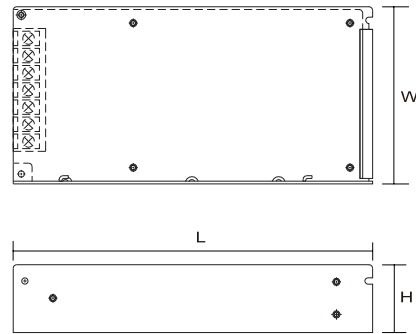
Standards 標準

- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547





Q1 Series Constant Voltage LED Driver Q1系列 LED恒壓驅動器



Product Features:

- Universal AC input/Full range
- Protections: Short circuit / OLP / OVP
- Meet EMC standards
- Withstand 300VAC surge input for 5 sec
- High operating temperature up to 70°C
- Cooling by free air convection
- 100% full load burn-in test
- High efficiency, long life and high reliability
- Suitable for critical applications
- Protection class I

產品特點:

- 國際通用交流輸入範圍AC100-240V
- 保護種類：短路/過負載/過電壓
- 符合EMC電磁兼容標準
- 可承受300VAC突波輸入達5秒
- 更寬環境溫度範圍：-20...+70°C
- 自然風冷
- 100%滿載老化測試
- 高效率，長壽命，高可靠性
- 適用使用于較苛刻的工作環境
- 保護等級 I

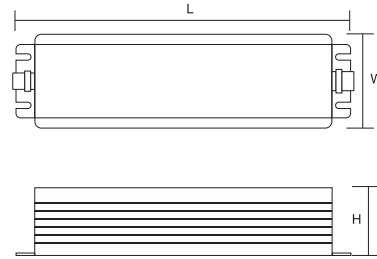
Model No. 型號	Input Voltage 額定電壓 (V)	Max. Output 功率 (W)	Output Voltage 輸出電壓 (V)	Output Current 輸出電流 (A)	Power Factor 功率因數 (λ)	Ambient Temperature 環境溫度 ta (°C)	Casing Temperature 最大外殼溫度 tc (°C)	Dimensions LxWxH 尺寸 (mm)	Weight 重量 (g)
Q1-12V-60W	100-240	60	12	0-5.0	0.60	-20...+70	80	129x98x38	400
Q1-12V-100W	100-240	100	12	0-8.5	0.60	-20...+70	80	160x98x38	560
Q1-12V-150W	100-240	150	12	0-12.5	0.60	-20...+70	80	198x98x38	650
Q1-12V-320W	100-240	320	12	0-26.0	0.98	-20...+70	80	226x115x50	1000
Q1-24V-60W	100-240	60	24	0-2.5	0.60	-20...+70	80	129x98x38	400
Q1-24V-100W	100-240	100	24	0-4.5	0.60	-20...+70	80	160x98x38	560
Q1-24V-150W	100-240	150	24	0-6.5	0.60	-20...+70	80	198x98x38	650
Q1-24V-320W	100-240	320	24	0-13.0	0.98	-20...+70	80	226x115x50	1000

Standards 標準

- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547



Q2 Series Constant Voltage LED Driver Q2系列 LED恒壓驅動器



Product Features:

- Universal AC input/Full range
- Protections: short circuit/OVP/OVP
- Meet EMC standards
- Cooling by free air convection
- 100% full load burn-in test
- High efficiency, long life and high reliability
- IP65 design for indoor or outdoor
- Suitable for LED lighting

產品特點:

- 國際通用交流輸入範圍AC100-240V
- 保護種類: 短路/過負載/過電壓
- 符合EMC電磁兼容標準
- 自然風冷
- 100%滿載老化測試
- 高效率, 長壽命, 高可靠性
- IP65等級設計, 使用于室內和戶外使用
- 適用于LED照明產品

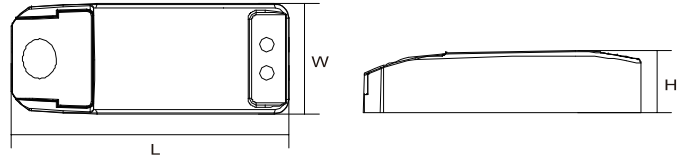
Model No. 型號	Input Voltage 額定電壓 (V)	Max. Output 功率 (W)	Output Voltage 輸出電壓 (V)	Output Current 輸出電流 (A)	Power Factor 功率因數 (入)	Ambient Temperature 環境溫度 ta (°C)	Casing Temperature 最大外殼溫度 tc (°C)	Dimensions LxWxH 尺寸 (mm)	Weight 重量 (g)
Q2-12V-60W	100-240	60	12	0-5.0	0.95	-20...+50	90	172x61.5x40	780
Q2-12V-100W	100-240	100	12	0-8.5	0.95	-20...+50	90	222x70x40	1000
Q2-12V-150W	100-240	150	12	0-11.0	0.95	-20...+50	90	222x70x40	1000
Q2-12V-240W	100-240	240	12	0-18.0	0.95	-20...+50	90	244x70x40	1100
Q2-24V-60W	100-240	60	24	0-2.5	0.95	-20...+50	90	172x61.5x40	780
Q2-24V-100W	100-240	100	24	0-4.0	0.95	-20...+50	90	222x70x40	1000
Q2-24V-150W	100-240	150	24	0-6.3	0.95	-20...+50	90	222x70x40	1000
Q2-24V-240W	100-240	240	24	0-10.0	0.95	-20...+50	90	244x70x40	1100

Standards 標準

- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547



Constant Current LED Driver LED恒流驅動器



Product Features:

- Independent compact design
- Easy press cable lock
- Captured terminal screws
- Safe no-load operation
- Overload protection
- Short circuiting protection
- Overheating protection
- Simple installation
- SELV equivalent
- Protection class II
- 50,000 hrs service life time

產品特點:

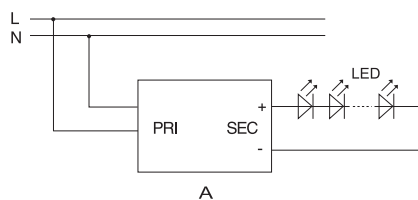
- 超小體積，獨立式緊湊型設計
- 簡便自鎖式壓線蓋
- 螺絲鎖緊大接線端子，方便多規格線接駁
- 安全無負載保護裝置
- 輸出過載保護
- 輸出短路保護
- 過溫保護功能
- 安裝經濟便捷
- 符合安全特低電壓標準
- 保護等級 II
- 50,000小時長壽命設計



Model No. 型號	Input Voltage 額定電壓 (V)	Max. Output Power 功率 (W)	Output Current 輸出電流 (mA)	Output Voltage 輸出電壓 (V)	Power Factor 功率因數 (入)	Ambient Temperature 環境溫度 ta (°C)	Casing Temperature 最大外殼溫度 tc (°C)	Dimensions LxWxH 尺寸 (mm)	Weight 重量 (g)	Wiring Diagram 接線圖
EGL350mA/3W	100-240	3	350	2-9	0.60	-20...+50	75	81x39x22	50	A
EGL350mA/6W	100-240	6	350	2-18	0.60	-20...+50	75	98x39x22	60	A
EGL350mA/12W	220-240	12	350	2-34	0.60	-20...+50	75	113x44x28	100	A
EGL500mA/3W	100-240	3	500	2-6	0.60	-20...+50	75	81x39x22	50	A
EGL500mA/6W	100-240	6	500	2-12	0.60	-20...+50	75	98x39x22	60	A
EGL500mA/16W	220-240	16	500	2-34	0.60	-20...+45	75	113x44x28	100	A
EGL700mA/3W	100-240	3	700	2-5	0.60	-20...+50	75	81x39x22	50	A
EGL700mA/6W	100-240	6	700	2-9	0.60	-20...+50	75	98x39x22	60	A
EGL700mA/17W	220-240	17	700	2-27	0.60	-20...+45	75	113x44x28	100	A
EGL1050mA/6W	100-240	6	1050	2-4	0.60	-20...+50	75	98x39x22	60	A
EGL1050mA/17W	220-240	17	1050	2-16	0.60	-20...+40	75	113x44x28	100	A

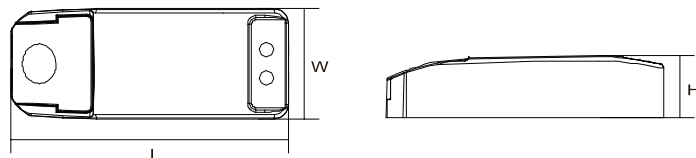
Standards 標準

- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547



Dimming LED Driver

LED調光驅動器



Product Features:

- Dimmable with ordinary TRIAC dimmer
- Constant current driver
- Independent compact design
- Easy press cable lock
- Captured terminal screws
- Safe no-load operation
- Overload & Short circuiting protection
- Overheating protection
- Simple installation
- SELV equivalent
- Protection class II
- Dimming range 1...100%
- 50,000 hrs service life time

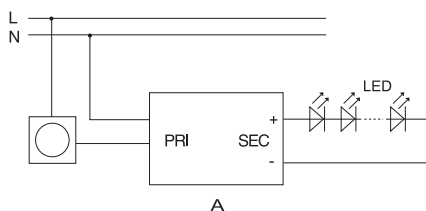
產品特點:

- 適用普通可控矽調光器
- 恒流驅動
- 超小體積，獨立式緊湊型設計
- 簡便自鎖式壓線蓋
- 螺絲鎖緊大接線端子，方便多規格線接駁
- 安全無負載保護裝置
- 輸出過載、短路保護
- 過溫保護功能
- 安裝經濟便捷
- 符合安全特低電壓標準
- 保護等級 II
- 調光範圍 1...100%光通量
- 50,000小時長壽命設計

Standards 標準

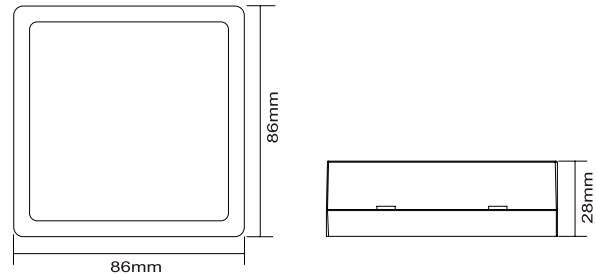
- EN 61347-1
- EN 61347-2-13
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547

Model No. 型號	Input Voltage 額定電壓 (V)	Max. Output Power 功率 (W)	Output Current 輸出電流 (mA)	Output Voltage 輸出電壓 (V)	Power Factor 功率因數 (入)	Ambient Temperature 環境溫度 ta (°C)	Casing Temperature 最大外殼溫度 tc (°C)	Dimensions LxWxH 尺寸 (mm)	Weight 重量 (g)	Wiring Diagram 接線圖
DIM350mA/8W	220-240	8	350	12-24	0.80	-20...+50	80	113x44x28	108	A
DIM350mA/12W	220-240	12	350	15-32	0.80	-20...+50	80	113x44x28	108	A
DIM500mA/8W	220-240	8	500	9-16	0.80	-20...+50	80	113x44x28	108	A
DIM500mA/16W	220-240	16	500	15-32	0.80	-20...+40	80	113x44x28	108	A
DIM700mA/8W	220-240	8	700	9-12	0.80	-20...+50	80	113x44x28	108	A
DIM700mA/16W	220-240	16	700	9-24	0.80	-20...+40	80	113x44x28	108	A



RGB LED Controller A8901

RGB LED控制器 A8901



Product Features:

- Design for RGB LED colour changing.
- Built-in 18 pre-set mode functions plus adjustable brightness & speed.
- Independent control of RGB three channels to create full colour control. Each channel has a maximum current of 3A.
- Adjustable 256 grey scale for fine and smooth change of colour.
- Static control of colour and brightness: 16 steps for each RGB channel, i.e. 4096 different colours.
- Equipped with IR remote controller.
- In conjunction with power repeaters, control can be extended indefinitely.
- Wall mounting facet to allow easy access and user friendly control.

產品特點:

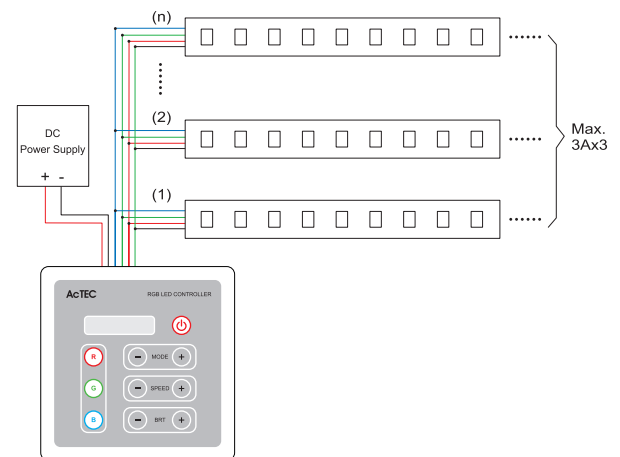
- 適用RGB LED燈(共陽)的控制
- 18種功能選擇, 模式、亮度、速度可變
- 3通道RGB全彩控制, 每路最大電流3A
- 灰度級別: RGB各256級
- 靜態調色調光: RGB各16級, 4096種顏色
- IR無線遙控器
- 可增加信號擴展器, 實現功率的無限放大
- 高檔牆體面板開關按鈕設計, 直接操控

Mode Functions

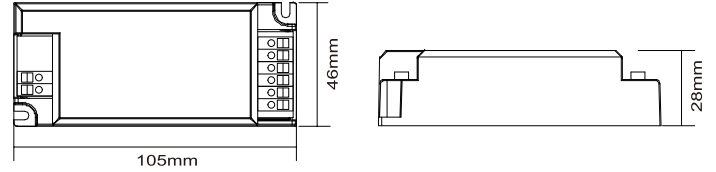
No.	Style	Remarks
序號	變化模式	說明
1	Static red 靜態紅色	Brightness adjustable 亮度可調
2	Static green 靜態綠色	Brightness adjustable 亮度可調
3	Static blue 靜態藍色	Brightness adjustable 亮度可調
4	Static yellow 靜態黃色	Brightness adjustable 亮度可調
5	Static purple 靜態紫色	Brightness adjustable 亮度可調
6	Static cyan 靜態青色	Brightness adjustable 亮度可調
7	Static white 靜態白色	Brightness adjustable 亮度可調
8	3-colour skipping 三色跳變	Brightness and speed adjustable 亮度、速度可調
9	7-colour skipping 七彩跳變	Brightness and speed adjustable 亮度、速度可調
10	White colour strobe 白色頻閃	Brightness and speed adjustable 亮度、速度可調
11	3-colour smooth 三色漸變	Brightness and speed adjustable 亮度、速度可調
12	Full colour smooth 全彩漸變	Brightness and speed adjustable 亮度、速度可調
13	RG colour smooth RG漸變	Brightness and speed adjustable 亮度、速度可調
14	RB colour smooth RB漸變	Brightness and speed adjustable 亮度、速度可調
15	GB colour smooth GB漸變	Brightness and speed adjustable 亮度、速度可調
16	White colour fade & change 白色漸變	Brightness and speed adjustable 亮度、速度可調
17	Great cycle 循環模式	/
18	RGB static dimming RGB靜態調光	16 levels of brightness per RGB RGB 各 16級亮度

Technical Specifications 技術參數

Input/output voltage 電源輸入/輸出	5-24V DC(Auto-Switch)
Max output current 最大電流輸出	3A/CHANNEL x 3 CHANNEL
Max output power at 24V 最大功率輸出	(24V x 3A) x 3CH = 216W
Working temperature 使用環境溫度	-20°C --- +60°C
Dimensions LxWxH 產品尺寸	86x86x28mm
Fixing centre 安裝孔距	60mm
Weight 重量	112g



Single Colour LED Controller A8902 單色LED控制器/調光器 A8902



Product Features:

- Design for single colour LED brightness changing.
- Built-in 3 mode functions plus adjustable brightness & speed.
- Three output channels. Each channel has a maximum current of 3A.
- Adjustable 256 grey scale for fine and smooth change of brightness.
- Static control of brightness.
- Equipped with IR remote controller.
- Easy installation & user friendly.

產品特點:

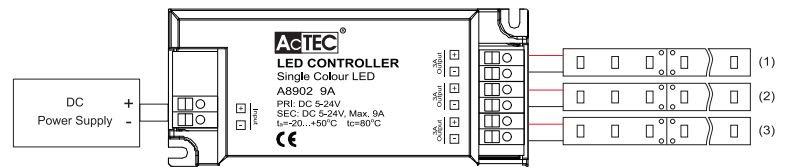
- 適用單色LED軟燈條的控制
- 3種模式選擇，模式、亮度、速度可變
- 3路輸出，每路最大電流3A
- 灰度256級，漸變效果柔和細膩
- 靜態顏色調光
- IR無線遙控器
- 接收頭引線設計，隨意安裝

Mode Functions

No.	Style	Remarks
序號	變化模式	說明
1	Static colour 單色	Brightness adjustable 亮度可調
2	Colour strobe 頻閃	Brightness and speed adjustable 亮度、速度可調
3	Colour fade & change 漸變	Brightness and speed adjustable 亮度、速度可調

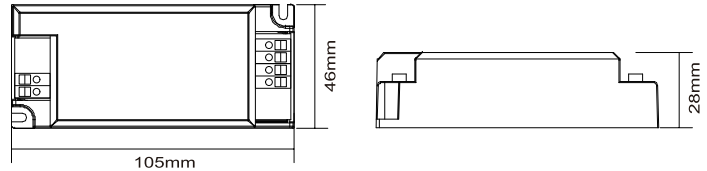
Technical Specifications 技術參數

Input/output voltage	電源輸入/輸出	5-24V DC(Auto-Switch)
Max output current	最大電流輸出	3A/CHANNEL x 3 CHANNEL
Max output power at 24V	最大功率輸出	(24V x 3A) x 3CH = 216W
Working temperature	使用環境溫度	-20°C --- +60°C
Dimensions LxWxH	產品尺寸	105x46x28mm
Fixing centre	安裝孔距	97mm
Weight	重量	80g



RGB LED Controller A8903

RGB LED控制器 A8903



Product Features:

- Design for RGB LED colour changing.
- Built-in 18 pre-set mode functions plus adjustable brightness & speed.
- Independent control of RGB three channels to create full colour control. Each channel has a maximum current of 3A.
- Adjustable 256 grey scale for fine and smooth change of colour.
- Static control of colour and brightness: 16 steps for each RGB channel, i.e. 4096 different colours.
- Equipped with IR remote controller.
- In conjunction with power repeaters, control can be extended indefinitely.
- Easy installation & user friendly.

產品特點:

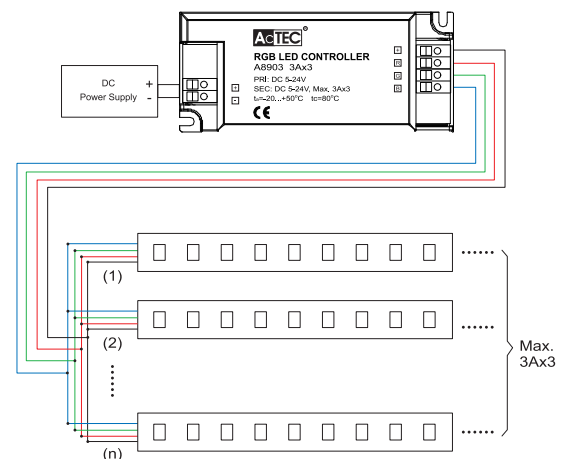
- 適用RGB LED燈(共陽)的控制
- 18種功能選擇, 模式、亮度、速度可變
- 3通道RGB全彩控制, 每路最大電流3A
- 灰度級RGB各256級, 漸變效果柔和細膩
- 靜態調色調光: RGB各16級, 4096種顏色
- IR無線遙控器
- 可增加信號擴展器, 實現功率的無限放大
- 接收頭引線設計, 隨意安裝

Mode Functions

No.	Style	Remarks
序號	變化模式	說明
1	Static red 靜態紅色	Brightness adjustable 亮度可調
2	Static green 靜態綠色	Brightness adjustable 亮度可調
3	Static blue 靜態藍色	Brightness adjustable 亮度可調
4	Static yellow 靜態黃色	Brightness adjustable 亮度可調
5	Static purple 靜態紫色	Brightness adjustable 亮度可調
6	Static cyan 靜態青色	Brightness adjustable 亮度可調
7	Static white 靜態白色	Brightness adjustable 亮度可調
8	3-colour skipping 三色跳變	Brightness and speed adjustable 亮度、速度可調
9	7-colour skipping 七彩跳變	Brightness and speed adjustable 亮度、速度可調
10	White colour strobe 白色頻閃	Brightness and speed adjustable 亮度、速度可調
11	3-colour smooth 三色漸變	Brightness and speed adjustable 亮度、速度可調
12	Full colour smooth 全彩漸變	Brightness and speed adjustable 亮度、速度可調
13	RG colour smooth RG漸變	Brightness and speed adjustable 亮度、速度可調
14	RB colour smooth RB漸變	Brightness and speed adjustable 亮度、速度可調
15	GB colour smooth GB漸變	Brightness and speed adjustable 亮度、速度可調
16	White colour fade & change 白色漸變	Brightness and speed adjustable 亮度、速度可調
17	Great cycle 循環模式	/
18	RGB static dimming RGB靜態調光	16 levels of brightness per RGB RGB 各 16級亮度

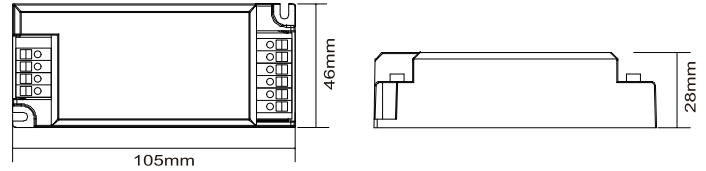
Technical Specifications 技術參數

Input/output voltage	電源輸入/輸出	5-24V DC(Auto-Switch)
Max output current	最大電流輸出	3A/CHANNEL x 3 CHANNEL
Max output power at 24V	最大功率輸出	(24V x 3A) x 3CH = 216W
Working temperature	使用環境溫度	-20°C --- +60°C
Dimensions LxWxH	產品尺寸	105x46x28mm
Fixing centre	安裝孔距	97mm
Weight	重量	80g





RGB LED Power Repeater A8904 RGB LED功率擴展器 A8904



Product Features:

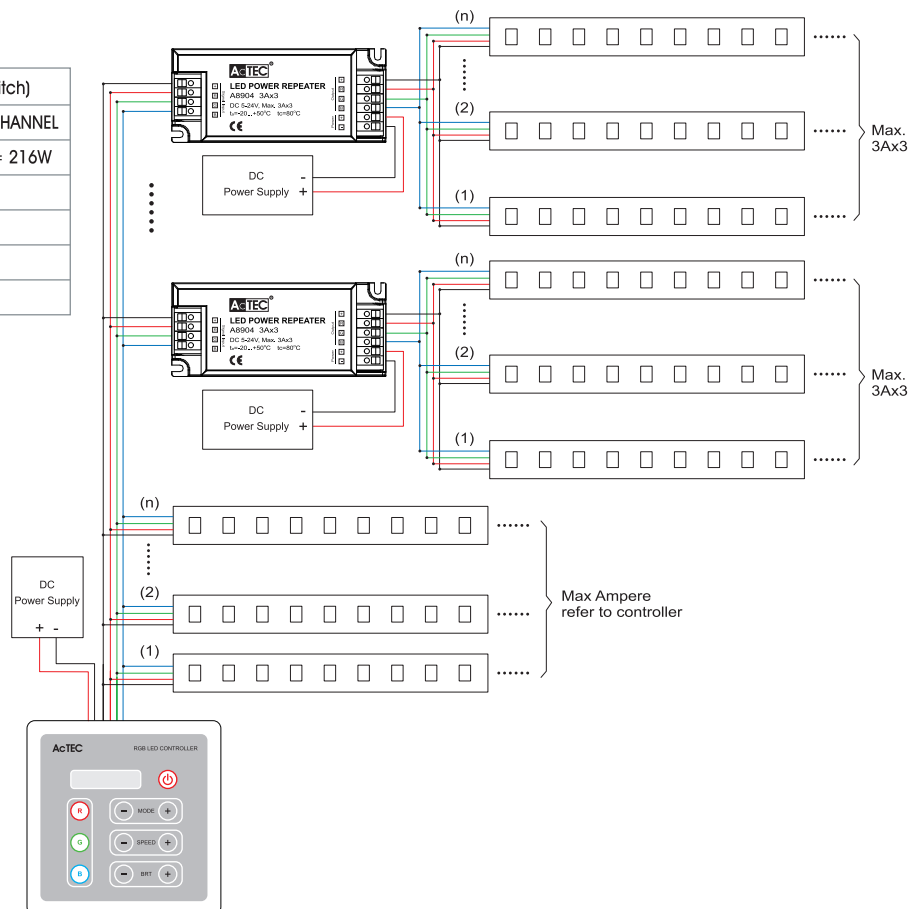
- Design for extending RGB LED strip lights.
- With power repeater, it allows one RGB controller to control for multiple connections of LED strips.
- Each power repeater provides RGB three channels output. Each channel has a maximum current of 3A.

產品特點:

- 適用RGB LED燈(共陽)的擴展控制
- 通過連接擴展器和電源, 可串接更多的LED燈
- 3通道RGB輸出, 每路最大3A

Technical Specifications 技術參數

Input/output voltage	電源輸入/輸出	5-24V DC(Auto-Switch)
Max output current	最大電流輸出	3A/CHANNEL x 3 CHANNEL
Max output power at 24V	最大功率輸出	(24V x 3A) x 3CH = 216W
Working temperature	使用環境溫度	-20°C --- +60°C
Dimensions LxWxH	產品尺寸	105x46x28mm
Fixing centre	安裝孔距	97mm
Weight	重量	66g



AcTEC ELECTRONICS Co., Ltd.

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福州亞錫電子有限公司

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