

三相SCR電力調整器微電腦系列



THREE PHASE POWER REGULATOR



>>> 產品特性

Product Characteristic

- 本控制器具有CE國際安全之認證。
- 具有R.S.T各相保險絲斷路指示燈，並提供異常輸出接點，可做系統緊急控制之用。
- 體積精巧、散熱佳，內含半導體專用快速保險絲，不怕負載短路。
- 冷卻風扇動作具有溫度控制，當散熱片溫度55°C時工作，45°C時停止，可提高風扇壽命2~3倍。
- 本控制器之保護裝置：來源電欠相、保險絲斷線檢知及本控制器超溫等保護，並具異常輸出接點，可供遠端監控使用，接點容量250VAC/3A。
- 緩啟動時間可調整(0~16秒)，應用於需要緩啟動的負載，讓負載不會瞬間全壓輸出。(相位輸出)
- 線性電壓輸出。
- This controller is passed CE international quality accreditation.
- It has R.S.T one phases fuse wire broken direction light, and offer a output point for abnormal condition, also can be emergency control for the system.
- Small size, good cooling and it has speed fuse wire for semi-conductor use, so don't worry short circuit caused by overload.
- Cooling fans has temperature control, the cooling sheet working at 55°C and stop at 45°C, this design can extend use-life of fans 2~3 times.
- The protection equipment: checking and finding of phase failure of power, fuse broke of this controller, and unusual output point for cooling fin overheat of this controller, for destant end supervising and controlling, capacity: 250VAC / 3A.
- Soft start time adjustable (0~16 second), application to need soft starts of load, let the load end not output all voltage in the twinkling of an eye. (angle phase)
- Linear output voltage.

三相SCR電力調整器微電腦系列

THREE PHASE POWER REGULATOR



>>> 一般特性

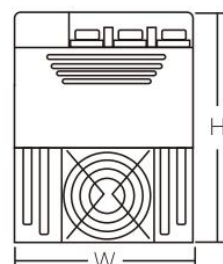
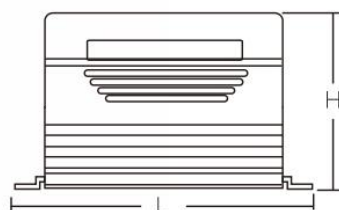
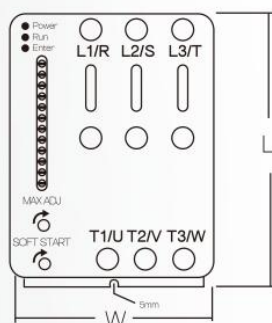
General Characteristic

主電源電壓 main power voltage	208~480VAC±10%
控制電源電壓 Auxiliary voltage	220V±10% (提供110VAC選擇, 請事先告知) (Offer 110VAC to choose, need to tell to the sales)
額定電流 Rated current	20A 36A 52A 68A
工作頻率 work frequency	自動判斷50 / 60Hz Auto 50 / 60Hz
輸出範圍 Output voltage range	0~100%
輸出方式 Output type	相位輸出(緩啟動時間可調整0~16秒)、分配零位輸出、線性電壓輸出 Angle phase.(Soft start time adjustable 0~16 second.) Zero Crossing, Linear output voltage.
相位輸入控制訊號 Angle phase input signal	4~20mA, 0~5V, 1~5V, 1~10V, 2~10V
使用環境 Environment	-10°C~45°C 濕度90%RH以下 -10°C~45°C Humidity under 90%RH.
絕緣阻抗 Insulation resistance	20MΩ以上(電源與外殼間)、20MΩ以上(輸入訊號與外殼間) Over 20MΩ(power & external cover), Over20MΩ(input signal & external cover)
耐壓強度 Strength of press-resisted	電源與外殼間2500VAC/1分鐘、輸入訊號與外殼間1000VAC/1分鐘 2500VAC/1mm between power & external cover, 1000VAC/1mm between input signal & external cover

三相SCR電力調整器微電腦系列 Three Phase Power Regulator 產品規格選擇 Choice of Specification & Models

輸出方式 Rated current	輔助電源 Auxiliary voltage	主電源 Main power voltage	額定電流 Rated current	型號 Model	長 L(mm)	寬 W(mm)	高 H(mm)
相位輸出 Angle phase	220VAC	208~480VAC	20A	JK3PS-48020	166	94	136
			36A	JK3PS-48036	166	94	136
			52A	JK3PS-48052	166	94	136
			68A	JK3PS-48068	193	94	136
分配式零位輸出 Zero Crossing	220VAC	208~480VAC	20A	JK3PSZ-48020	166	94	136
			36A	JK3PSZ-48036	166	94	136
			52A	JK3PSZ-48052	166	94	136
			68A	JK3PSZ-48068	193	94	136

上述資料若有變更, 恕不另行通知, 敬請見諒! All specifications can be modified.



三相SCR電力調整器



THREE PHASE POWER REGULATOR

>>> 產品特性

Product Characteristic

- 本控制器具有CE, EN61000-4-2、EN61000-4-4、EN61000-4-8、EN61000-4-6, Low Voltage Directive: 73/23EEC, 國際安全之認證。
- 具有R.S.T各相保險絲斷路指示燈, 並提供異常輸出接點, 可做系統緊急控制之用。
- 體積精巧、散熱佳, 內含半導體專用快速保險絲, 不怕負載短路。
- 冷卻風扇動作具有溫度控制, 當散熱片溫度55°C時工作, 45°C時停止, 可提高風扇壽命2~3倍。
- 本控制器之保護裝置: 來源電欠相、保險絲斷線檢知及本控制器超溫等保護, 並具異常輸出接點, 可供遠端監控使用, 接點容量240VAC/5A。
- 內含半導體專用快速保險絲, 不怕負載短路, 具有保險絲R、S、T斷線檢知功能, 每相都具有燈號顯示, 提供快速明確維修情況。
- This controller is passed CE international quality accreditation.
- It has R.S.T. one phases' fuse wire broken direction light, and offer a output point for abnormal condition, also can be emergency control for the system.
- Small size, good cooling and it has speed fuse wire for semi-conductor use, so, don't worry short circuit caused by overload.
- Cooling fans has temperature control, the cooling sheet working at 55°C, and stop at 45°C, this design can extend use-life of fans 2-3 times.
- The protection equipment: checking and finding of phase failure of power, fuse broke of this controller, and unusual output point for cooling fin overheat of this controller, for distant end supervising and controlling, capacity: 240 VAC/5A.
- It has speed fuse wire for semi-conductor use, so, don't worry short circuit caused by overload. It has R.S.T one phases' fuse wire break and examine and know the function, every phase with signal light offers the fast fix situation clearly of speed of skill.

>>> 一般特性

General Characteristic

主電源電壓 main power voltage	AC220V 380V 440V 480V $\pm 10\%$
補助電壓 assistance voltage	AC220V $\pm 10\%$ 50/60Hz
額定電流 rated current	25A 35A 50A 60A 80A 100A 125A 160A 180A 200A 225A 250A 300A 350A 400A 600A 750A
工作頻率 work frequency	50 / 60Hz
輸出方式 output type	相位輸出, 零位輸出, 線性電壓輸出(L.V.型) Phase angel, Zero crossing, Liner voltage output
相位輸入控制訊號 phase input control signal	4-20mA, 0-5V, 1-5V, 0-10V, 2-10V, 8秒緩衝 手動/自動 Relay切換 4-20mA, 0-5V, 1-5V, 0-10V, 2-10V, 8's Soft Start Manuall Auto Relay changed
零位輸入控制訊號 zero input control signal	4-20mA, 1-5V, 0-10V, 2-10V 手動/自動 Relay切換 4-20mA, 1-5V, 0-10V, 2-10V Manual / Auto Relay changed
輸出電壓範圍 output voltage range	0~100%
使用環境 use environment	-10°C~50°C 溼度 90%RH以下 Humidity Under 90% RH
絕緣阻抗 insulation resistance	20M Ω 以上(電源與外殼間) Over 20M Ω (power & external cover) 20M Ω 以上(輸入信號與外殼間) Over 20M Ω (input signal & external cover)
耐壓強度 strength of press-resisted	電源與外殼間 2500VAC/1分鐘 2500VAC/1min between power & external cover 電源與輸入信號 1000VAC/1分鐘 1000VAC/1min between power & input signal

★請注意因客觀環境及負載特性計算安全係數, 選擇相對應產品。

三相SCR電力調整器 THREE PHASE POWER REGULATOR



>>> 型號規格選擇 Choice of Specification & Models

《3相3線相位控制(3Φ3W)》

補助電壓 assistance voltage	主電源電壓 main power voltage	額定電流 Rated current	型號 model (3Φ3W)	長 L (mm)	寬 W (mm)	高 H (mm)	圖 P
220V	208V~240V	25A	JK3PS-22025	220	142	154	1
		35A	JK3PS-22035	220	142	154	1
		50A	JK3PS-22050	243	142	154	2
		60A	JK3PS-22060	243	142	154	2
		80A	JK3PS-22080	243	142	154	2
		100A	JK3PS-22100	243	142	154	2
		125A	JK3PS-22125	305	141	172	3
		160A	JK3PS-22160	305	141	172	3
		180A	JK3PS-22180	365	141	200	4
		200A	JK3PS-22200	365	141	200	4
		225A	JK3PS-22225	400	263	210	5
		250A	JK3PS-22250	400	263	210	5
		300A	JK3PS-22300	400	263	210	5
		350A	JK3PS-22350	530	306	247	6
		400A	JK3PS-22400	530	306	247	6
		480A	JK3PS-22480	625	365	285	7
		600A	JK3PS-22600	625	365	285	7
220V	380V~480V	750A	JK3PS-22750	710	365	285	7
		25A	JK3PS-48025	220	142	154	1
		35A	JK3PS-48035	220	142	154	1
		50A	JK3PS-48050	243	142	154	2
		60A	JK3PS-48060	243	142	154	2
		80A	JK3PS-48080	243	142	154	2
		100A	JK3PS-48100	243	142	154	2
		125A	JK3PS-48125	305	141	172	3
		160A	JK3PS-48160	305	141	172	3
		180A	JK3PS-48180	365	141	200	4
		200A	JK3PS-48200	365	141	200	4
		225A	JK3PS-48225	400	263	210	5
		250A	JK3PS-48250	400	263	210	5
		300A	JK3PS-48300	400	263	210	5
		350A	JK3PS-48350	530	306	247	6
		400A	JK3PS-48400	530	306	247	6
		480A	JK3PS-48480	625	365	285	7
		600A	JK3PS-48600	625	365	285	7
		750A	JK3PS-48750	710	365	285	7

上述資料若有變更，恕不另行通知，敬請見諒！All specifications can be modified.

《3相2線零位控制(3Φ2W)》

補助電壓 assistance voltage	主電源電壓 main power voltage	額定電流 Rated current	型號 model (3Φ2W)	長 L (mm)	寬 W (mm)	高 H (mm)	圖 P
220V	208V~240V	25A	JK2PSZ-22025	220	142	154	1
		35A	JK2PSZ-22035	220	142	154	1
		50A	JK2PSZ-22050	220	142	154	1
		60A	JK2PSZ-22060	243	142	154	2
		80A	JK2PSZ-22080	243	142	154	2
		100A	JK2PSZ-22100	243	142	154	2
		125A	JK2PSZ-22125	305	141	172	3
		160A	JK2PSZ-22160	305	141	172	3
		180A	JK2PSZ-22180	355	141	172	4
		200A	JK2PSZ-22200	355	141	172	4
		225A	JK2PSZ-22225	400	263	210	5
		250A	JK2PSZ-22250	400	263	210	5
		300A	JK2PSZ-22300	400	263	210	5
		350A	JK2PSZ-22350	400	263	210	5
		400A	JK2PSZ-22400	400	263	210	5
		450A	JK2PSZ-22450	400	263	210	5
		500A	JK2PSZ-22500	530	306	247	6
		600A	JK2PSZ-22600	530	306	247	6
220V	380V~480V	750A	JK2PSZ-22750	710	365	285	7
		25A	JK2PSZ-48025	220	142	154	1
		35A	JK2PSZ-48035	220	142	154	1
		50A	JK2PSZ-48050	220	142	154	1
		60A	JK2PSZ-48060	243	142	154	2
		80A	JK2PSZ-48080	243	142	154	2
		100A	JK2PSZ-48100	243	142	154	2
		125A	JK2PSZ-48125	305	141	172	3
		160A	JK2PSZ-48160	305	141	172	3
		180A	JK2PSZ-48180	355	141	172	4
		200A	JK2PSZ-48200	355	141	172	4
		225A	JK2PSZ-48225	400	263	210	5
		250A	JK2PSZ-48250	400	263	210	5
		300A	JK2PSZ-48300	400	263	210	5
		350A	JK2PSZ-48350	400	263	210	5
		400A	JK2PSZ-48400	400	263	210	5
		450A	JK2PSZ-48450	400	263	210	5
		500A	JK2PSZ-48500	530	306	247	6
		600A	JK2PSZ-48600	530	306	247	6
		750A	JK2PSZ-48750	710	365	285	7

上述資料若有變更，恕不另行通知，敬請見諒！All specifications can be modified.

※ JK3PS-22180, JK3PS-22200, JK3PS-48180, JK3PS-48200外觀類似圖4，但尺寸與零位不同

※ JK3PS-22480, JK3PS-22600, JK3PS-48480, JK3PS-48600外觀類似圖7，但尺寸不同



(圖一)



(圖二)



(圖三)



(圖四)



(圖五)



(圖六)



(圖七)

三相SCR電力調整器

THREE PHASE POWER REGULATOR

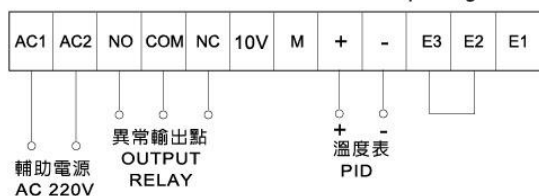


>>> 控制線路圖 (相位控制)

General Characteristic

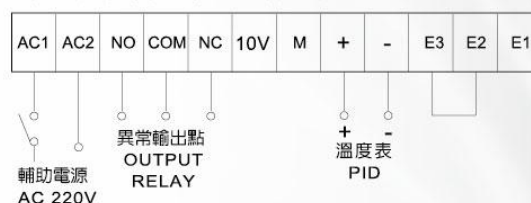
(1) 純溫度表輸入訊號控制

External connection control of PID input signal



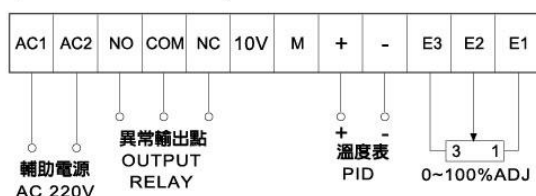
(2) 開關啟動/溫度表自動控制

Switch ON/OFF / Auto control of PID



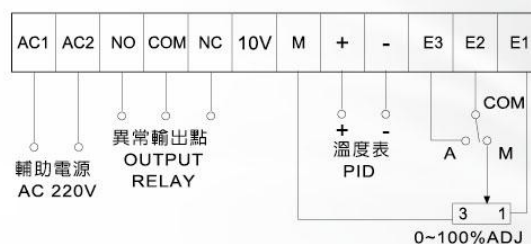
(3) 輸入電壓，電流訊號；外部VR可調 (VR為10KΩ)

Anglog volt, current input with adjustable external VR
(The VR model is 10K5Ω)



(4) 溫度表自動控制/外部VR控制

Auto control of PID / control of VR



(外部VR不使用時，請將E3，E2短路)

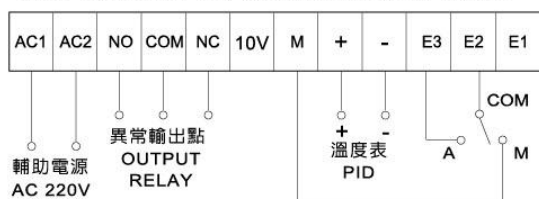
(Please jump E3 and E2 when external VR not be used)

★外部VR調整最小值會無輸出功率

(It'll have no output rate when adjusting external VR to minimum value.)

(5) 溫度表自動控制/手動全壓輸出

Auto control of PID / Manual full load of output

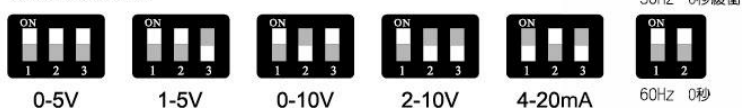


★NO,COM,NC:異常訊號輸出接點240VAC/5A

★M點為控制器輸出DC5V/100mA

★機板內部功能設定

輸入訊號設定



※ 黑色部份為指撥開關的位置。(例如：1調上、2調下、3調上為4-20mA)

三相來源電



三相SCR電力調整器

THREE PHASE POWER REGULATOR

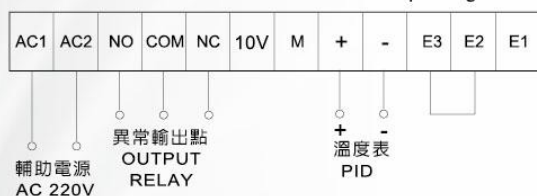


>>> 控制線路圖 (零位控制)

General Characteristic

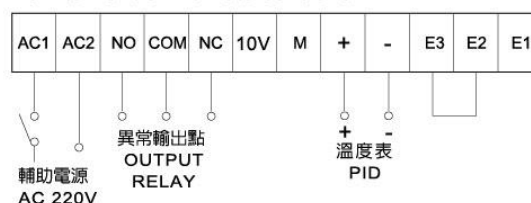
(1) 純溫度表輸入訊號控制

External connection control of PID input signal



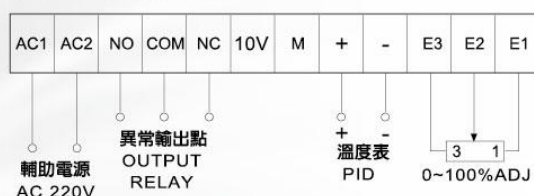
(2) 開關啟動/溫度表自動控制

Switch ON/OFF / Auto control of PID



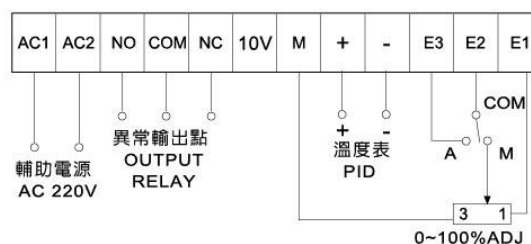
(3) 輸入電壓，電流訊號；外部VR可調 (VR為10KΩ)

Anglog volt, current input with adjustable external VR
(The VR model is 10K5Ω)



(4) 溫度表自動控制/外部VR控制

Auto control of PID / control of VR



(外部VR不使用時，請將E3，E2短路)

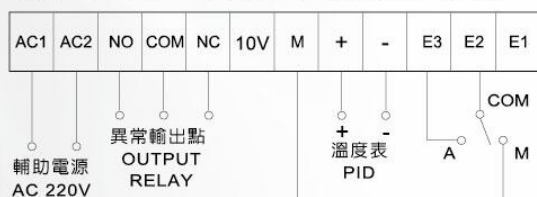
(Please jump E3 and E2 when external VR not be used)

★外部VR調整最小值會無輸出功率

(It'll have no output rate when adjusting external VR to minimum value.)

(5) 溫度表自動控制/手動全壓輸出

Auto control of PID / Manual full load of output



★NO,COM,NC:異常訊號輸出接點240VAC/5A

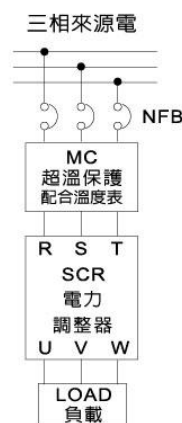
★M點為控制器輸出DC5V/100mA

★機板內部功能設定

輸入訊號設定
Setting input single



※ 黑色部份為指撥開關的位置。(例如：1調上、2調上、3調下、4調上為4-20mA)





單相SCR電力調整器系列

Single Phase Thyristor Power Regulators

最安全 / 超耐久 / 安裝容易 / 極緻精巧
EXCELENT STREAM / SAFETY / DURABLE and EASY SET

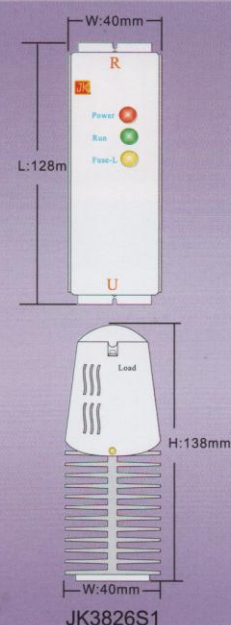


- 輸入訊號與輔助電壓具隔離設計，系統控制穩定。
- 流線造型、外型精巧，可節省配盤體積空間。
- 內裝半導體專用高速保險絲，不怕負載短路。
- 具有保險絲斷路指示燈，保險絲更換方便。
- 內建智慧型超溫保護及指示。採溫控冷卻風扇，當散熱片 55°C 時工作， 45°C 停止，可提高風扇壽命2~3倍。
- 適用於感性與阻性負載。
- SF系列輸出方式經CPU計算，具有高精度線性輸出。
- The insulation design between signal input and auxiliary voltage to guarantee system work stability.
- Streamline and small size can save the electrical mounting space.
- Built-in fast speed fuse for semi-conductor secure on short circuit of load.
- With Open-circuit indicator .
- With temperature controller cooling fans, the fans run when temperature is 55°C on the radiator, and stop when temperature is less than 45°C on the radiator. The design can extend 2 to 3 times of the fan's life.
- Applied for inductance and resistance loading.
- By CPU processing, SF type provides high accuracy linear output.

QUALITY, HONEST, MUTUAL BENEFIT and SERVICE

JAKI

功能 Function	高性能型 Hyperfunction	標準型 Standard
主電壓 Main power scope	220VAC±10% / 380VAC±10%	220~380VAC±10%
工作頻率 Frequency	47~63Hz	47~63Hz
輔助電源 Auxiliary voltage	220VAC±10%	220VAC±10%
額定電流 Rated Current	26A 42A 56A 72A	26A 42A 56A 72A
輸入控制訊號 Input control signal	4-20mA / 0-5V / 1-5V 0-10V / 2-10V	DC4~20mA / DC1-5V
異常輸出接點 Abnormal output point	○ (※)	-
高精度線性輸出 Hi-Accuracy linear output	○	-
外接VR可調 External adjustable resistor control	○ (※)	○ (※)
機體超溫保護 Over temperature protection	○ (※)	○ (※)
保險絲斷線檢知 Fuse broken detection	○	○
異常指示燈 Abnormal indicator LED	○	○



※ 26A type 不包含此功能。(※ Type 26A hasn't involved the function.)

設備 Equipment					
長X寬X高(mm) LxWxH(mm)		128x40x138	177x53x146	190x53x146	198x61x155
額定電流 Rated current		26A	42A	56A	72A
高性能型型號 Modal of hyperfunction type	220V	JK2226SF	JK2242SF	JK2256SF	JK2272SF
	380V	JK3826SF	JK3842SF	JK3856SF	JK3872SF
標準型型號 Modal of standard type		JK3826S1	JK3842S1	JK3856S1	JK3872S1

保護 Protections

半導體專用保險絲 Fuse	Bussmann or Hinoda
保險絲斷線檢知 Fuse Disconnection Inspect And Notification	面板LED指示 LED show on panel
溫度保護裝置 Thermo Protection	風扇故障保護啟動 Thermo protection star when fan break down.
風扇自動啓閉裝置 Automatic Fan	散熱片溫度達55°C啟動，45°C停止 Heat sink 55°C start, 45°C stop.

環境條件 Ambient Conditions

最大環境周圍溫度 Maximum Ambient Temp	50°C
絕緣阻抗 Insulation Resistance	20MΩ以上(主電源線與外殼之間) More than 20MΩ (Between main power lines to case) 20MΩ以上(輸入訊號與外殼之間) More than 20MΩ (Between input signals to case)
耐壓強度 Voltage Endurance	2500VAC/1分鐘(主電源與外殼之間) 2500VAC/1min (Between main power lines to case) 1000VAC/1分鐘(主電源與訊號之間) 1000VAC/1min (Between main power to input signals)

ModBus系列 單相/三相SCR電力調整器



ModBus Series-Three/Single phase SCR Power Regulator



>>> 產品特性

Product Characteristic

- 具RS485 ModBus通訊功能,可通訊顯示工作電流、輸出百分比、機體內部溫度及多種異常情況等。
- 多種功能及保護參數設定:
 - >限電流、過載功能設定、檢測過載電流比例、時間參數設定。
- 具多種異常指示及保護:
 - > 無來源電、欠相、電流過載、散熱片過溫、SCR閘流體短路檢查。
- 三相具有負載部份斷線檢測可設定靈敏度和成立時間,靈敏度最高可檢查 5組中1組斷線。
- 單相負載斷線檢查。
- 緩啟動、緩停止時間設定。
- 提供 4-20 mA, 0-5V, 1-5V, 0-10V, 2-10V 訊號輸入控制。
- 內建智慧型超溫保護及指示。採溫控智慧型冷卻風扇。
- 具異常輸出接點,當機體偵測異常時,提供一組異常接點輸出做為系統緊急控制用。
- 內裝半導體專用高速保險絲,不怕負載短路。
- 硅碳棒、二矽化鉬專用機型。
- With RS485 ModBus communication function, it could display the working current, output percent, internal temperature of the machine and various faults.
- Settings of multiple functions and protection parameters:
 - >Current limit, overload function setting, detection of overload current ratio, setting of time parameters.
- Various fault indicators and protections:
 - > Input power phase failure and out of phase indications, Overload protection、Overheating protection, and SCR gateway short circuit protection.
- 3-phase power regulator with load disconnection detection that allows setup of sensitivity and effective time, with the sensitivity that can detect one broken set of the 5 sets.
- 1-phase power regulator with load disconnection detection.
- Start/stop delay time setting.
- Provide signal input control of 4-20 mA, 0-5V, 1-5V, 0-10V, 2-10V.
- Built-in intelligent overheat protection and indicator, equipped with intelligent cooling fan.
- Fault output contact provided for emergency control of system in case of faults detected.
- Built-in high-speed fuse especially for semi-conductor, to provide protection from short circuit.
- Special use to Silicon carbon rod、molybdenum(IV) oxide load.

ModBus系列單相/三相SCR電力調整器

ModBus Series-Three/Single phase SCR Power Regulator



技術規格 Spection

主電壓 Standard Voltages	220VAC±15% 380VAC±15%
工作頻率 Frequency	50/60 Hz ± 5 % 自動判斷 Auto Adjustment
輔助電源 Auxiliary Voltage	220VAC±10%
額定電流 Rated Current	如產品選擇表 Refer to product type
輸入控制訊號 Input Control Signal	DC 4-20mA/0-5V/1-5V/0-10V/2-10V
RS485 Modbus Baudrate	2400/9600/14400/19200/38400/56000/115200

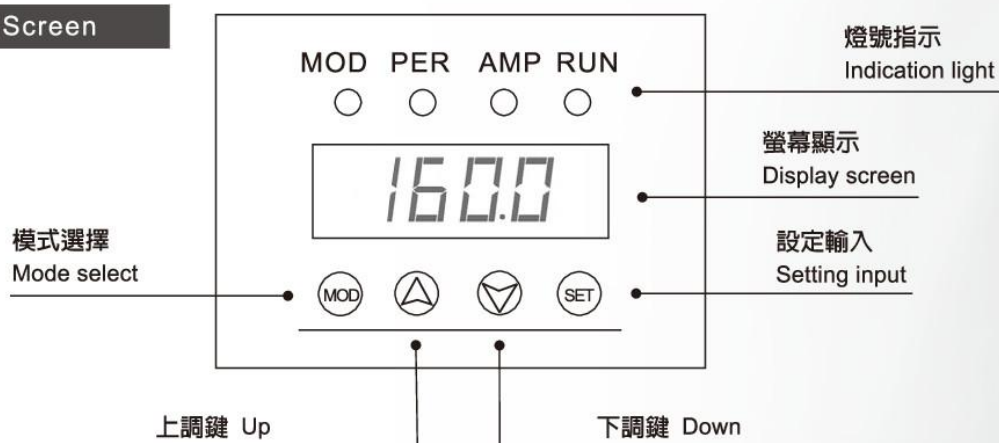
保護 Protections

半導體專用保險絲 Fuse	Bussmann or Hinoda
保險絲斷線檢知 Fuse Disconnection Inspect And Notification	面板LED指示 LED show on panel
溫度保護裝置 Thermo Protection	風扇故障保護啟動 Thermo protection star when fan break down.
風扇自動啓閉裝置 Automatic Fan	散熱片溫度達55°C啟動，45°C停止 Heat sink 55°C start, 45°C stop.

環境條件 Ambient Conditions

最大環境周圍溫度 Maximum Ambient Temp	50°C
絕緣阻抗 Insulation Resistance	20MΩ以上(主電源線與外殼之間) More than 20MΩ (Between main power lines to case) 20MΩ以上(輸入訊號與外殼之間) More than 20MΩ (Between input signals to case)
耐壓強度 Voltage Endurance	2500VAC/1分鐘(主電源與外殼之間2500VAC/1min (Between main power lines to case) 1000VAC/1分鐘(主電源與訊號之間) 1000VAC/1min(Between main power to input signals)

顯示面板 Display Screen



M系列三相SCR電力調整器

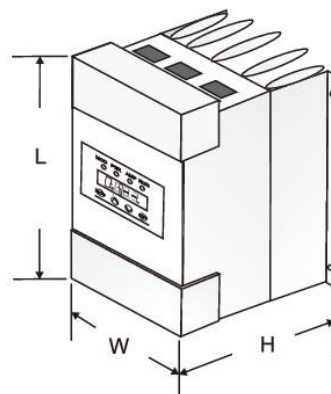
M-Series Three Phase Thyristor Power Regulator



>>> 產品選擇表 Product Type

額定電流 rated current	額定電壓 rated voltage		長 L(mm)	寬 W(mm)	高 H(mm)
	220VAC	380-480VAC			
35A	WJ3PSM-22035	WJ3PSM-48035	220	142	154
50A	WJ3PSM-22050	WJ3PSM-48050	243	142	154
60A	WJ3PSM-22060	WJ3PSM-48060	243	142	154
80A	WJ3PSM-22080	WJ3PSM-48080	243	142	154
100A	WJ3PSM-22100	WJ3PSM-48100	243	142	154
125A	WJ3PSM-22125	WJ3PSM-48125	305	141	172
160A	WJ3PSM-22160	WJ3PSM-48160	305	141	200
180A	WJ3PSM-22180	WJ3PSM-48180	365	141	200
200A	WJ3PSM-22200	WJ3PSM-48200	365	141	200
225A	WJ3PSM-22225	WJ3PSM-48225	400	263	210
250A	WJ3PSM-22250	WJ3PSM-48250	435	290	235
310A	WJ3PSM-22310	WJ3PSM-48310	435	290	235
360A	WJ3PSM-22360	WJ3PSM-48360	435	290	235
410A	WJ3PSM-22410	WJ3PSM-48410	435	290	235

●另提供 600A / 750A 客制化機種 Service customization 600A / 750A products



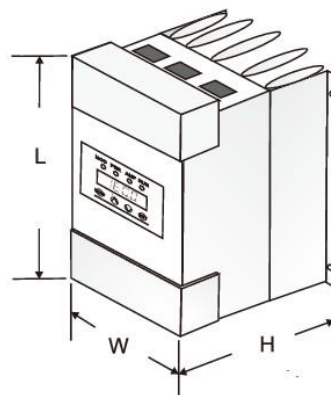
M系列單相SCR電力調整器

M - Series Single Phase Thyristor Power Regulator

>>> 產品選擇表 Product Type

額定電流 rated current	額定電壓 rated voltage		長 L(mm)	寬 W(mm)	高 H(mm)
	220VAC	380-440VAC			
35A	WJ-M22035	WJ-M38035	210	142	154
50A	WJ-M22050	WJ-M38050	210	142	154
80A	WJ-M22080	WJ-M38080	210	142	154
100A	WJ-M22100	WJ-M38100	210	142	154
125A	WJ-M22125	WJ-M38125	243	142	154
160A	WJ-M22160	WJ-M38160	243	142	154
180A	WJ-M22180	WJ-M38180	243	142	154
200A	WJ-M22200	WJ-M38200	243	142	154
250A	WJ-M22250	WJ-M38250	445	155	225
300A	WJ-M22300	WJ-M38300	445	155	225
350A	WJ-M22350	WJ-M38350	445	155	225
400A	WJ-M22400	WJ-M38400	445	155	225

●另提供 600A / 750A 客制化機種 Service customization 600A / 750A products



ModBus系列單相/三相SCR電力調整器

ModBus Series-Three/Single phase SCR Power Regulator

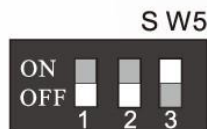


>>> 控制接線圖

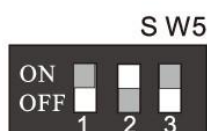
Connection for control signals



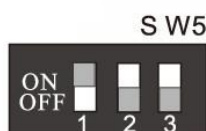
1. 第2 PIN ↓ 往下, 第1,3PIN ↑ 往上為 4-20mA 接收訊號
1. Second pin down, first and third pin up for 4-20mA reception signal



2. 第1,2 PIN ↓ 往下, 第3 PIN ↑ 往上為 1-5V 接收訊號.
2. First and second pin down, third pin up for 1-5V reception signal.



3. 第1,3 PIN ↓ 往下, 第2 PIN ↑ 往上為 0-10V 接收訊號.
3. First and third pin down, second pin up for 0-10V reception signal



4. 第1 PIN ↓ 往下, 第2,3 PIN ↑ 往上為 2-10V 接收訊號.
4. First pin down, second and third pin up for 2-10V reception signal.



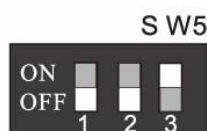
5. 第1,2,3 PIN ↓ 皆往下, 為 0-5V 接收訊號.
5. All pins down for 0-5V reception signal

>>> 輸入訊號設定

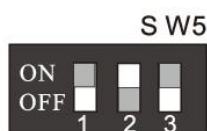
Input signal setting



1. 第2 PIN ↓ 往下, 第1,3PIN ↑ 往上為 4-20mA 接收訊號
1. Second pin down, first and third pin up for 4-20mA reception signal



2. 第1,2 PIN ↓ 往下, 第3 PIN ↑ 往上為 1-5V 接收訊號.
2. First and second pin down, third pin up for 1-5V reception signal.



3. 第1,3 PIN ↓ 往下, 第2 PIN ↑ 往上為 0-10V 接收訊號.
3. First and third pin down, second pin up for 0-10V reception signal



4. 第1 PIN ↓ 往下, 第2,3 PIN ↑ 往上為 2-10V 接收訊號.
4. First pin down, second and third pin up for 2-10V reception signal.



5. 第1,2,3 PIN ↓ 皆往下, 為 0-5V 接收訊號.
5. All pins down for 0-5V reception signal