A-1x系列分散式遠程模組

產品型錄 •2023.03

WIFI/ETHERNET/RS-485 分散式遠程模組

eAutomation Solution

Yottacontrol Co.

遠程模組

WIFI類比數位遠程模組

A-12x 系列/A-3290

概觀

※ 模擬輸入16位分辨率
※ 模擬輸出12位分辨率
※ 支持模擬輸入/輸出0/4～20mA或0～10V
※ 支持PT-100或PT-1000（2線或3線或4線）
※ 支持J，K，T，E，R，S，B型熱電偶
※ 支持10K/6.8K/4.7K/3.3K/3K/2.7K/2.252K/2.1K/2K/1.5K/1K熱敏電阻
※ 支持斷線偵測
※ 內建WIFI介面+ RS-485介面 + USB 介面
※ 高速RS-485接口（最大921600bps）
※ 標準2.4GHz的IEEE 802.11 b / g (Wi-Fi)
※ 內置馬達驅動器，可直接連接步進馬達
※ 輸出過電流保護（OCP）/輸出過熱保護（OTP）/輸出欠壓鎖定（UVLO）
※ 連接A-3290 WIFI雙向遙控器可直接控制輸出,無須任何控制器
※ 可當Wi-Fi AP使用
※ 支持 MODBUS TCP/IP, UDP/IP ,RTU ,ASCII
※ 可連接Wi-Fi AP,物聯網（IOT）,手機,平板電腦,工業4.0
※ 支持 WPA2-PSK(AES) 加密
※ 免費PC設定、監控軟件“Yotta Utility”

更多資訊請參考
www.yottacontrol.com

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型號	A-1251 數位輸入模組	A-1212 A-1213 類比數位模組	A-1219 A-1220 類比數位模組	A-1255/ A-1255S 類比數位模組	A-1260 類比數位模組	A-1269 類比數位模組	A-3290 WIFI雙向遙控器
工作電壓	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	AA Battery *2
數位輸入(隔離)	16*Isolation DI status low:<1VDC status high:>5~30VDC	2*Isolation DI status low:<1VDC status high:>5~30VDC	4*Isolation DI status low:<1VDC status high:>5~30VDC	8*Isolation DI status low:<1VDC status high:>5~30VDC	7*Isolation DI status low:<1VDC status high:>5~30VDC	---	7*Isolation DI
數位輸出(隔離)	---	2*(Transistor)	---	4*(Motor Driver) 4*(Source Driver)	4*(Power Relay)	8*(Power Relay)	---
數位輸出連續電流	---	10-35VDC(1A)	---	8-60VDC(1.75A)	250VAC(7A)/30VDC(7A)	250VAC(5A)/30VDC(5A)	---
通訊速率	2400~921600bps						WIFI b/g
數位輸出入隔離	YES(5000VDC)						
輸入切換速度	10HZ						5HZ
輸出切換速度	Transistor:10HZ						---
操作溫度	-20 to +75 °C						
防護等級	IP20						IP66
安裝方式	35 mm DIN rail or Flush mounting						---
尺寸 (W x H x D)	76.4*118.2*38.5 mm						120*55*30 mm
類比輸入通道數	---	4*(16-bit)	8*(16-bit)	4*(12-bit)			---
類比輸入型態	---	2*0/4~20mA 2*0/2~10V 2*PT-100/1000 (-200~+600°C)	0/4~20mA, J,K,T,E,R ,S,B,Thermistor (-270~+1800°C) 0/2~10V	4* 0~10V			---
類比輸出通道數	---	2*(12-bit)	---	---			---
類比輸出型態	---	0/4 ~20mA	---	---			---
類比輸入阻抗	---	Current: 100 Ω RTD : 10 MΩ	Current: 100 Ω Voltage : 10 MΩ	Voltage:10 MΩ			---
類比輸入/輸出有效精度	---	±0.1% / ±1%	±0.1% / ---	±1% / ---			---
通訊介面	WIFI + RS-485 + USB						WIFI + USB
通道獨立設定	YES						---
取樣率	AI/AO: 10sample/second(total) ; DI/DO:100sample/second(total)						---
CMR @ 50/60 Hz	120 dB						---
Span Drift	±50 ppm/°C						---
Zero Drift	±18 μV/°C						---
溫度量測範圍	(PT-100:-200~+600°C) (PT-1000:-200~+600°C) (J:-210~760°C) (K:-270~1,370°C) (T:-270~400°C) (E:-270~1,000°C) (R:0~1,750°C) (S:0~1,750°C) (B:0~1,800°C) (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:-10~100°C) (Thermistor-4.7K:-10~100°C) (Thermistor-3.3K:-20~100°C) (Thermistor-3K:-20~100°C) (Thermistor-2.7K:-20~100°C) (Thermistor-2.252K:-20~100°C) (Thermistor-2.1K:-30~100°C) (Thermistor-2K:-30~100°C) (Thermistor-1.5K:-40~100°C) (Thermistor-1K:-40~100°C)						

天空藍底白字表示欄位內兩個型號的唯一不同處

遠程模組

網路數位類比遠程模組

A-18x 系列

概觀

※ 模擬輸入16位分辨率
※ 模擬輸出12位分辨率
※ 支持模擬輸入/輸出0/4～20mA或0～10V
※ 支持PT-100或PT-1000（2/3/4線）
※ 支持J，K，T，E，R，S，B型熱電偶
※ 支持10K/6.8K/4.7K/3.3K/3K/2.7K/2.252K/2.1K/2K/1.5K/1K熱敏電阻
※ 支持斷線偵測
※ 內建Ethetnet介面+ USB介面
※ Ethetnet支持8個獨立端口同時通訊
※ 可使用手機,平板電腦遠程監控
※ 內置馬達驅動器，可直接連接步進馬達
※ 輸出過電流保護（OCP）/輸出過熱保護（OTP）/輸出欠壓鎖定（UVLO）
※ 連接A-3290 WIFI雙向遙控器可直接控制輸出,無須任何控制器
※ 提供網頁介面可直接監控與控制
※ 支持 MODBUS TCP/IP ,MODBUS RTU
※ 靈活的用戶自定義Modbus地址
※ 支持網路10/100 Mbps通信速率
※ 免費PC設定、監控軟件“Yotta Utility”

更多資訊請參考
www.yottacontrol.com

型號	A-1851 數位輸入模組	A-1812 類比數位模組	A-1819 類比模組	A-1855 數位模組	A-1860 數位模組	A-1869 數位模組
工作電壓	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC
數位輸入(隔離)	16*Isolation DI status low:<1VDC status high:>5~30VDC	2*Isolation DI status low:<1VDC status high:>5~30VDC	---	8*Isolation DI status low:<1VDC status high:>5~30VDC	8*Isolation DI status low:<1VDC status high:>5~30VDC	---
數位輸出(隔離)	---	---	---	4*(Motor Driver)	4*(Power Relay)	8*(Power Relay)
數位輸出連續電流	---	---	---	8-60VDC(1.75A)	250VAC(7A)/30VDC(7A)	250VAC(7A)/30VDC(7A)
Ethernet通訊速率	10/100Mbps					
數位輸出入隔離	YES(5000VDC)					
輸入切換速度	10HZ					
輸出切換速度	Transistor:10HZ					
操作溫度	-20 to +75 °C					
防護等級	IP20					
安裝方式	35 mm DIN rail or Flush mounting					
尺寸 (W x H x D)	76.4*118.2*38.5 mm					
類比輸入通道數	---	4 (16-bit)	8 (16-bit)	---		
類比輸入型態	---	2* 0/4~20mA 2* PT-100/1000 (-200 ~ +600°C)	0/4~20mA, J, K, T, E, R , S, B, Thermistor (-270 ~ +1800°C)	---		
類比輸出通道數	---	2 (12-bit)	---	---		
類比輸出型態	---	0/4 ~20mA	---	---		
類比輸入阻抗	---	Current: 100 Ω RTD : 10 MΩ	Current: 100 Ω Voltage : 10 MΩ	---		
類比輸入有效精度	---	±0.1% / ±1%	±0.1% / ---	---		
通訊介面	Ethernet + USB					
通道獨立設定	YES					
取樣率	AI/AO: 10sample/second(total) ; DI/DO:100sample/second(total)					
CMR @ 50/60 Hz	120 dB					
Span Drift	±50 ppm/°C					
Zero Drift	±18 μV/°C					
溫度量測範圍	(PT-100:-200~+600°C) (PT-1000:-200~+600°C) (J:-210~760°C) (K:-270~1,370°C) (T:-270~400°C) (E:-270~1,000°C) (R:0~1,750°C) (S:0~1,750°C) (B:0~1,800°C) (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:-10~100°C) (Thermistor-4.7K:-10~100°C) (Thermistor-3.3K:-20~100°C) (Thermistor-3K:-20~100°C) (Thermistor-2.7K:-20~100°C) (Thermistor-2.252K:-20~100°C) (Thermistor-2.1K:-30~100°C) (Thermistor-2K:-30~100°C) (Thermistor-1.5K:-40~100°C) (Thermistor-1K:-40~100°C)					

RS-485數位遠程模組

A-10x系列

概觀

※ 可應用於Yottacontrol全系列控制器
※ RS-485通訊介面
※ 支援Modbus RTU/ASCII
※ LED輸出入狀態指示燈
※ 操作溫度:-20~+75°C
※ 5000VDC隔離電壓保護
※ 雙看門狗定時器
※ 抗雷擊保護
※ 抗靜電保護
※ 低功耗設計
※ 操作範圍可達1200公尺
※ 多款電壓,電流,傳感器輸入形式可選擇
※ 多款PNP,NPN,繼電器輸出形式可選擇
※ 免費設定監控軟體“Yotta Utility”

更多資訊請參考
www.yottacontrol.com

型號	A-1057 數位輸出	A-1058 數位輸出	A-1068 數位輸出	A-1069 數位輸出	A-1051 數位輸入	A-1051+ RS485隔離 數位輸出入
工作電壓	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC
數位輸入(隔離)	---	---	---	---	16點 低電位:<1VDC 高電位:>5~30VDC	16點 低電位:<1VDC 高電位:>5~30VDC
數位輸出(隔離)	12點,Souce晶體管	12點,Sink晶體管	8點,信號繼電器	8點,功率繼電器	---	---
數位輸出連續電流	10-35VDC(1A)	10-40VDC(200mA)	120VAC(0.5A)/30VDC(1A)	250VAC(5A)/30VDC(1A)	---	---
通訊速率			1200~115200bps			
數位輸出入隔離			有(5000VDC)			
輸入切換速度			10HZ			
輸出切換速度			繼電器:10HZ / 晶體管:10HZ			
操作溫度			-20 to +75 °C			
防護等級			IP20			
安裝方式			35 mm 導軌 或 牆面安裝			
尺寸 (W x H x D)			76.4*118.2*38.5 mm			

型號	A-1055 數位輸出入	A-1055S 數位輸出入	A-1060 數位輸出入	A-1060 (照明控制模組)
工作電壓	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC
數位輸入(隔離)	8點 低電位:<1VDC 高電位:>5~30VDC	8點 低電位:<1VDC 高電位:>5~30VDC	8點 低電位:<1VDC 高電位:>5~30VDC	8(HID 繼電器)
數位輸出(隔離)	8點,Sink晶體管	8點,Souce晶體管	4點,功率繼電器	
數位輸出連續電流	10-35VDC(200mA)	10-35VDC(1A)	250VAC(5A)/30VDC(5A)	
通訊速率			1200~115200bps	2400~921600bps
類比輸入			---	
類比輸出			---	
數位輸出入隔離			有(5000VDC)	有(5000VDC)
輸入切換速度			10HZ	10HZ
輸出切換速度			繼電器:10HZ / 晶體管:10HZ	功能鍵*8
操作溫度			-20 to +75 °C	-20 to +75°C
防護等級			IP20	IP20
安裝方式			35 mm 導軌 或 牆面安裝	
尺寸 (W x H x D)			76.4*118.2*38.5 mm	76.4*118.2*38.5 mm

RS-485類比數位遠程模組

A-10x 系列

概觀

※ 類比輸入精確度 16位元
※ 類比輸出精確度 12位元
※ 類比輸出入支援 0/4 ~20mA or 0~10V
※ 類比輸入支援 PT-100 or PT-1000 (2/3/4-線)
※ 類比輸入支援 J,K,T,E,R,S,B 熱電偶
※ 支持10K/6.8K/4.7K/3.3K/3K/2.7K/2.252K/2.1K/2K/1.5K/1K熱敏電阻
※ 類比輸入支援斷線偵測
※ 通訊介面:RS-485 + USB
※ 高速RS-485通訊介面 (最高 921600bps)
※ 通訊介面支援 Modbus RTU / ASCII
※ LED輸出入狀態指示燈
※ 操作溫度:-20~+75°C
※ 5000VDC隔離電壓保護
※ 雙看門狗定時器
※ 抗雷擊保護
※ 抗靜電保護
※ 操作範圍可達1200公尺
※ 免費設定監控軟體 "Yotta Utility"

更多資訊請參考
www.yottacontrol.com

Type	A-1010 A-1010+ 類比模組	A-1012 A-1012+ 類比模組	A-1013 類比模組	A-1019 A-1019+ 類比模組	A-1020 類比模組	A-1036+ 類比模組	A-1038+ 類比模組
工作電壓	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC	10~30VDC/24VAC
數位輸入(隔離)	---	2*Isolation DI status low:<1VDC status high:>5~30VDC	2*Isolation DI status low:<1VDC status high:>5~30VDC	4*Isolation DI status low:<1VDC status high:>5~30VDC	4*Isolation DI status low:<1VDC status high:>5~30VDC	---	---
數位輸出(隔離)	4*(Transistor)	2*(Transistor)	2*(Transistor)	---	---	---	---
數位輸出連續電流	10-40VDC(200mA)	10-35VDC(1A)	10-35VDC(1A)	---	---	---	---
通訊速率	2400~921600bps						
數位輸出入隔離	YES(5000VDC)						
輸入切換速度	10HZ						
輸出切換速度	Transistor:10HZ						
操作溫度	-20 to +75 °C						
防護等級	IP20						
安裝方式	35 mm DIN rail or Flush mounting						
尺寸 (W x H x D)	76.4*118.2*38.5 mm						
類比輸入通道數	8 (10-bit)	4 (16-bit)	4 (16-bit)	8 (16-bit)	8(16-bit)	---	---
類比輸入型態	0~10V	2*0/4~20mA 隔離 2*PT-100/1000 (-200~+600°C)	2*0/2~10V 2*PT-100/1000 (-200~+600°C)	0/4~20mA 隔離 J,K,T,E ,R,S,B Thermistor (-270~+1800°C)	0/2~10V	---	---
類比輸出通道數	2(10-bit)	2(12-bit)	2(12-bit)	---	---	6(12-bit)	8(12-bit)
類比輸出型態	0~10V	0/4~20mA	0/2~10V	---	---	0/4~20mA	0/2~10V
類比輸入阻抗	Voltage:10 MΩ	Current:100Ω RTD: 10MΩ	Current:100Ω RTD: 10MΩ	Current:100Ω Voltage: 10MΩ		---	---
類比輸入/輸出有效精度	±1%/±1%	±0.1%/±1%	±0.1%/±1%	±0.1%/ ---	±0.1%/ ---	±0.1%/ ---	±0.1%/ ---
通訊介面	RS-485(隔離)	RS-485 (隔離) +USB	RS-485+USB	RS-485(隔離) +USB	RS-485+USB	RS-485(隔離)	RS-485(隔離)
通道獨立設定	YES						
取樣率	AI/AO: 10sample/second(total) ; DI/DO:100sample/second(total)						
CMR @ 50/60 Hz	120 dB						
Span Drift	±50 ppm/°C						
Zero Drift	±18 μV/°C						
溫度量測範圍	(PT-100:-200~600°C) (PT-1000:-200~600°C) (J:-210~760°C) (K:-270~1370°C) (T:-270~400°C) (E:-270~1000°C) (R:0~1750°C) (S:0~1750°C) (B:0~1800°C) (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:-10~100°C) (Thermistor-4.7K:-10~100°C) (Thermistor-3.3K:-20~100°C) (Thermistor-3K:-20~100°C) (Thermistor-2.7K:-20~100°C) (Thermistor-2.252K:-20~100°C) (Thermistor-2.1K:-30~100°C) (Thermistor-2K:-30~100°C) (Thermistor-1.5K:-40~100°C) (Thermistor-1K:-40~100°C)						

天空藍底白字表示欄位內兩個型號的唯一不同處

RS-485數位遠程模組

A-1080照明控制模組

概觀

※ 可應用於大樓照明,路燈照明,飯店照明等,達到較佳節能控制
※ N+1省配線照明輸出控制
※ 各點手動控制開關與遠程中控室控制
※ LED狀態指示燈
※ 可使用DIN導軌安裝或螺釘固定
※ 模組可AC-24V供電,減少成本
※ 可省去照明電機部分的二次迴路改造
※ 可應用於Yottacontrol全系列控制器
※ RS-485通訊介面
※ 支援Modbus RTU/ASCII
※ 最大控制點數無限制
※ 操作溫度:-20~+75°C
※ 5000VDC隔離電壓保護
※ 雙看門狗定時器
※ 抗雷擊保護
※ 抗靜電保護
※ 低功耗設計
※ 操作範圍可達1200公尺
※ 免費設定監控軟體“Yotta Utility”

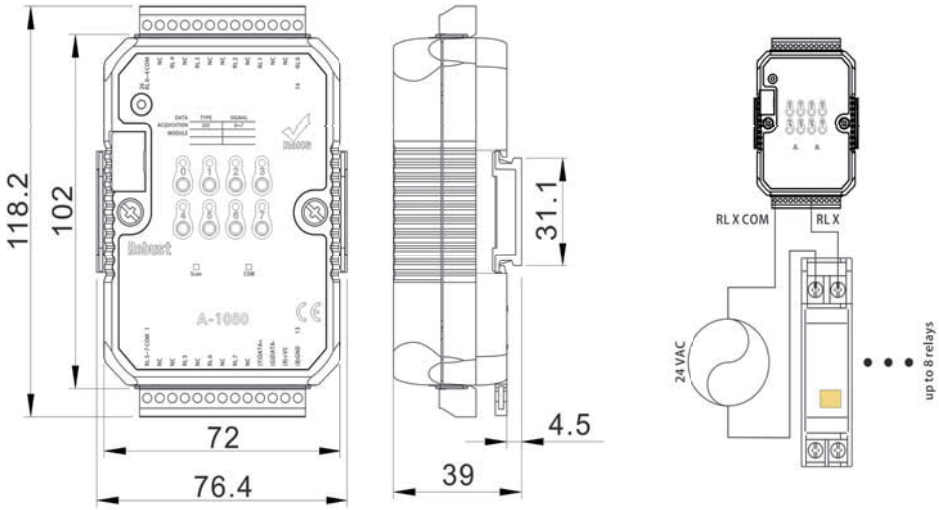
更多資訊請參考
www.yottacontrol.com

型號	A-1080 (照明控制模組)
工作電壓	10~30VDC/24VAC
數位輸出(隔離)	8
通訊速率	2400~921600bps
數位輸出隔離	有(5000VDC)
輸出切換速度	10HZ
操作溫度	-20 to +75 °C
防護等級	IP20
功能按鍵	8
安裝方式	35mm 導軌 或 牆面安裝
尺寸 (W x H x D)	76.4*118.2*39 mm

通訊記憶體表格

Supported Modbus Code: 01/02/05/15 Address :00017~00024 0~7 Digital Output Value

尺寸與安裝方式



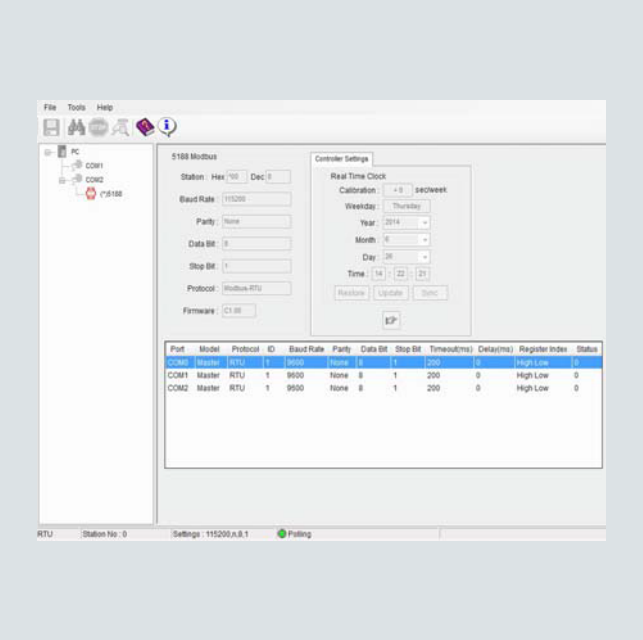
監控與資料庫軟體

可程式自動化控制器監控與資料庫軟體

Yotta Utility

概觀

※ 整合型監控與資料庫功能
※ 適用於Yottacontrol全系列控制器及TS-48系列周定時器
※ 可安裝於Windows98/ME/2000/XP/Vista/7/8/10
※ 快速設定分散式模組運行參數與監控
※ 監控分散式控制器所有細部參數與程式
※ 監控可程式自動化控制器所有細部參數與程式
※ 監控資料可存於資料庫與各家SCADA軟體連線
※ 多組即時類比資料曲線監控與設定警告點
※ 可同時監控數百台模組與控制器
※ 可編輯各輸出、輸入顯示名稱
※ 具簡易邏輯編程功能
※ 可編輯TS系列週定時器進行複雜動作編程
※ 可動態變動各通訊界面通訊速度
※ 通訊支援 MODBUS TCP/IP ,UDP/IP ,RTU,ASCII
※ 快速設定控制器時間參數



更多資訊請參考
www.yottacontrol.com

一般應用

電子裝置

- 點膠機
- 分選機
- 打帶包裝機
- 送收板機
- 各種檢測機
- 裁切機
- 貼膜機
- 封裝機
- 貼合裝置
- 研磨機
- 各種組裝機
- 收放捲製程

機電裝置

- 噴塗機
- 蒸鍍機
- 剝離機
- 壓延裝置
- 網版印刷機
- 清洗機
- 端子插入機
- 電鍍裝置
- 焊接機
- 各種壓床
- 切削機
- 彎管機
- 壓入機
- 送料機
- 繞線機
- 耐久測試機
- 壓鑄機
- 鑄造設備
- 熱處理機

包裝,食品裝置

- 包裝機
- 封蓋機
- 貼標機
- 成型機
- 攪拌裝置
- 裝盒機
- 填充機
- 乾燥機
- 重量選別機
- 封口機
- 注射針機
- 溫控機

Yottacontrol 遠程模組

WIFI Remote Modules		
1212	WIFI ADIO Remote Modules,4AI(0~20/4~20mA + PT-100/1000),2AO(0~20/4~20mA),2DI,2DO(Source Output),WIFI*1,RS-485*1,USB*1	A-1212
1213	WIFI ADIO Remote Modules,4AI(0/2~10V + PT-100/1000),2AO(0/2~10V),2DI,2DO(Source Output),WIFI*1,RS-485*1,USB	A-1213
1219	WIFI ADIO Remote Modules,8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor),4DI,WIFI*1,RS-485*1,USB*1	A-1219
1251	WIFI DI Remote Modules,16DI,WIFI*1,RS-485*1,USB*1	A-1251
1255	WIFI ADIO Remote Modules,8DI/4DO/4AI(0~10V),Motor Driver Output,WIFI*1,RS-485*1,USB*1	A-1255
1260	WIFI ADIO Remote Modules,7DI/4DO/4AI(0~10V),Power Relay Output,WIFI*1,RS-485*1,USB*1	A-1260
1269	WIFI ADIO Remote Modules,8DO/4AI(0~10V),Power Relay Output,WIFI*1,RS-485*1,USB*1	A-1269
1255S	WIFI ADIO Remote Modules,8DI/4DO/4AI(0~10V),Source Output,WIFI*1,RS-485*1,USB*1	A-1255S
ETHERNET Remote Modules		
1812	ETHERNET ADIO Remote Modules,4AI(0~20/4~20mA + PT-100/1000),2AO(0~20/4~20mA),2DI,ETHERNET*1,USB*1	A-1812
1819	ETHERNET ADIO Remote Modules,8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor),ETHERNET*1,USB*1	A-1819
1851	ETHERNET DI Remote Modules,16DI,ETHERNET*1,USB*1	A-1851
1855	ETHERNET DIO Remote Modules,8DI/4DO,Motor Driver Output,ETHERNET*1,USB*1	A-1855
1860	ETHERNET DIO Remote Modules,8DI/4DO,Power Relay Output,ETHERNET*1,USB*1	A-1860
1869	ETHERNET DIO Remote Modules,8DO,Power Relay Output,ETHERNET*1,USB*1	A-1869
1855S	ETHERNET DIO Remote Modules,8DI/4DO,Source Driver Output,ETHERNET*1,USB*1	A-1855S
RS-485 Remote Modules		
1057	DO Remote Modules，LED indicator，DC Power Supply，12DO，Source Output，RS-485*1	A-1057
1058	DO Remote Modules，LED indicator，DC Power Supply，12DO，Sink Output，RS-485*1	A-1058
1068	DO Remote Modules，LED indicator，DC Power Supply，8DO，Signal Relay Output，RS-485*1	A-1068
1069	DO Remote Modules，LED indicator，DC Power Supply，8DO，Power Relay Output，RS-485*1	A-1069
1051+	DI Remote Modules，LED indicator，DC Power Supply，16DI，RS-485*1(isolated)	A-1051+
1051	DI Remote Modules，LED indicator，DC Power Supply，16DI，RS-485*1	A-1051
1055	DIO Remote Modules，LED indicator，DC Power Supply，8DI/8DO，Sink Output，RS-485*1	A-1055
1055S	DIO Remote Modules，LED indicator，DC Power Supply，8DI/8DO，Source Output，RS-485*1	A-1055S
1060	DIO Remote Modules，LED indicator，DC Power Supply，8DI/4DO，Power Relay Output，RS-485*1	A-1060
1010+	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~10V)，2AO(0~10V)，4DO(Sink Output)，RS-485*1(isolated)	A-1010+
1010	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~10V)，2AO(0~10V)，4DO(Sink Output)，RS-485*1	A-1010
1012+	ADIO Remote Modules，LED indicator，DC Power Supply，4AI(0/4~20mA+PT100/1000)，2AO(0/4~20mA)，2DI，2DO(source)，RS-485*1(isolated)	A-1012+
1012	ADIO Remote Modules，LED indicator，DC Power Supply，4AI(0/4~20mA+PT100/1000)，2AO(0/4~20mA)，2DI，2DO(source)，RS-485*1,USB*1	A-1012
1013	ADIO Remote Modules，LED indicator，DC Power Supply，4AI(0/2~10V+PT100/1000)，2AO(0/2~10V)，2DI，2DO(source)，RS-485*1,USB*1	A-1013
1019+	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor)，4DI，RS-485*1(isolated)	A-1019+
1019	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor)，4DI，RS-485*1,USB*1	A-1019
1020	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~10V)-16bits，4DI，RS-485*1，USB*1	A-1020
1036+	AO Remote Modules，LED indicator，DC Power Supply，6AO(0/4~20mA)，RS-485*1(isolated)	A-1036+
1038+	AO Remote Modules，LED indicator，DC Power Supply，8AO(0/2~10V)，RS-485*1(isolated)	A-1038+
1080	DO Remote Modules，LED indicator，DC/AC Power Supply，8DO，HID Relay Output，Input Switch*8，RS-485*1	A-1080

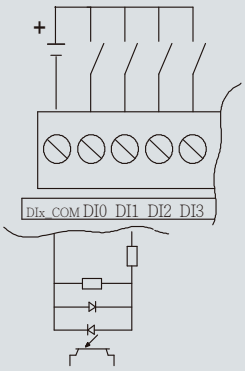
Wi-Fi Two-Way Communicate Transmitters		
A-3290	WIFI DI Remote Modules,7DI,WIFI*1,USB*1	A-3290
Accessories		
ASPS	Power Supply，24V/2A	ASPS
CAB-MINIUSB60	Communication lines	CAB-MINIUSB60
CAB89	A-3290 Communication lines	CAB89
Software		
YottaUtility	Monitoring and Database Software	YottaUtility
A-1x USB Driver	A-1x USB PC Driver	DR-A1XUSB
CAB89 USB Driver	A-3290 Communication lines PC Driver	DR-CAB89USB

接線圖

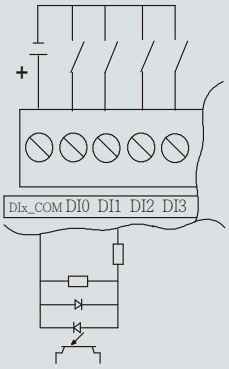
遠程模組

A-1x 系列

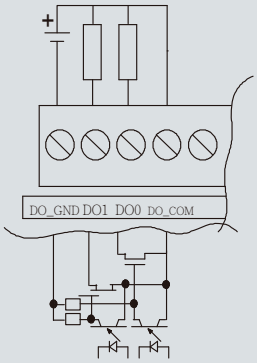
PNP Input



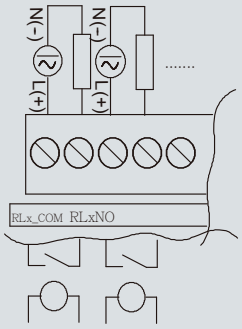
NPN Input



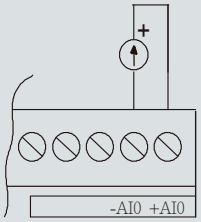
1055 Output



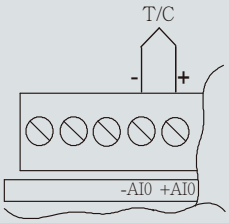
Relay Output



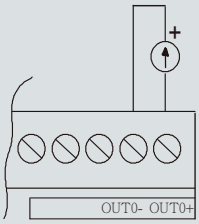
Current Input



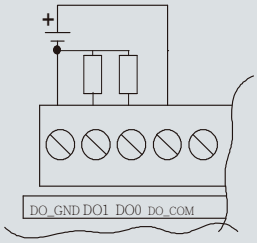
Thermocouple Input



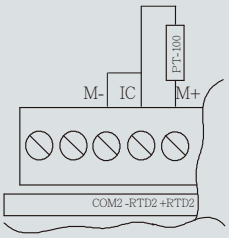
Current Output



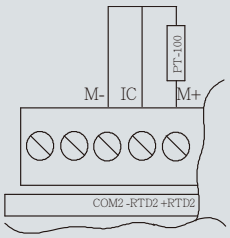
1055S/1012/1212 Output



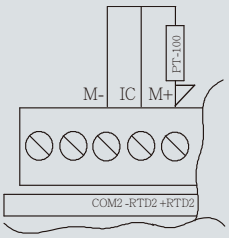
2-wire RTD Input



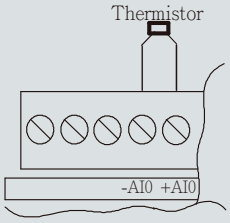
3-wire RTD Input



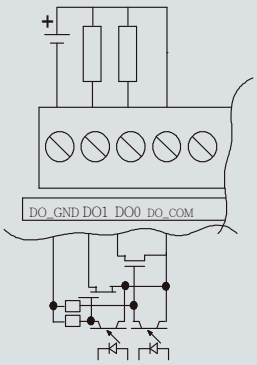
4-wire RTD Input



Thermistor Input



Motor Driver Output

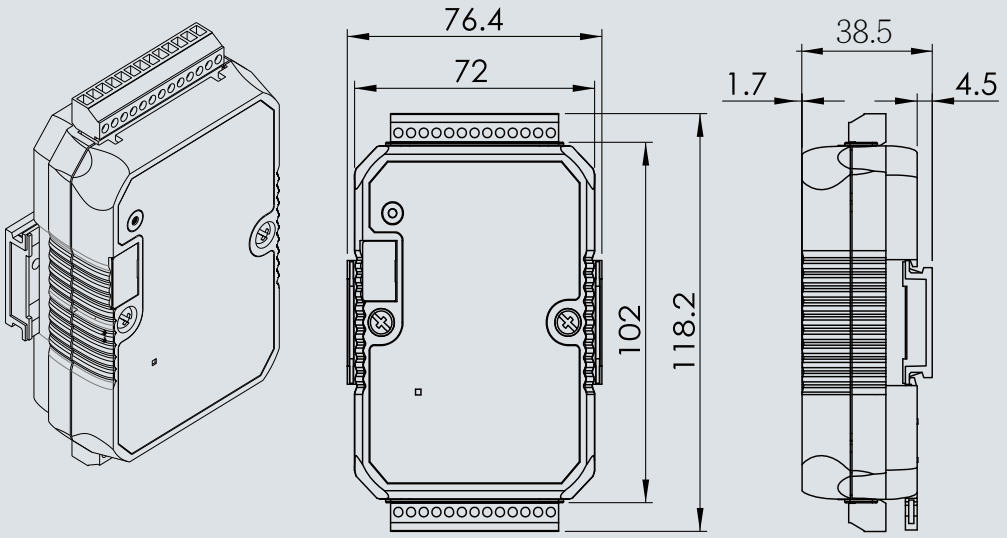


更多資訊請參考
www.yottacontrol.com

遠程模組

Dimension

①



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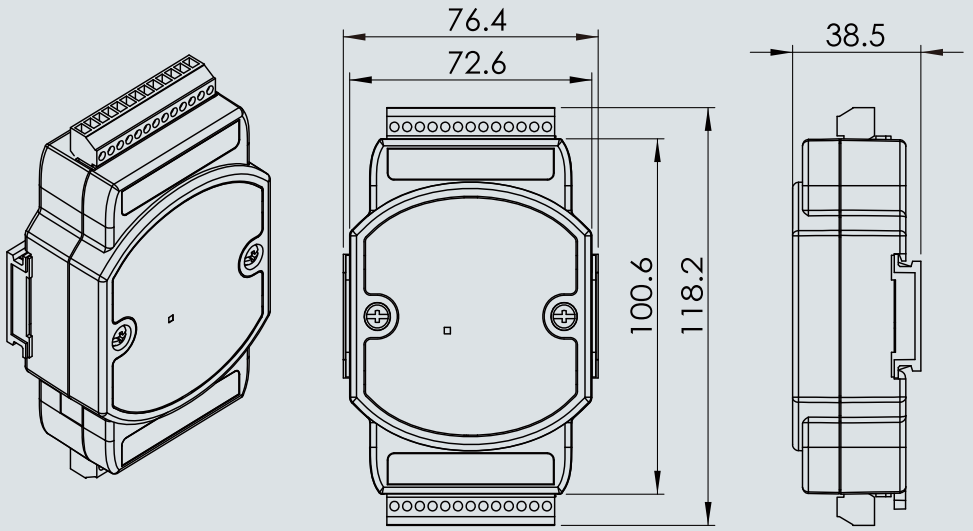
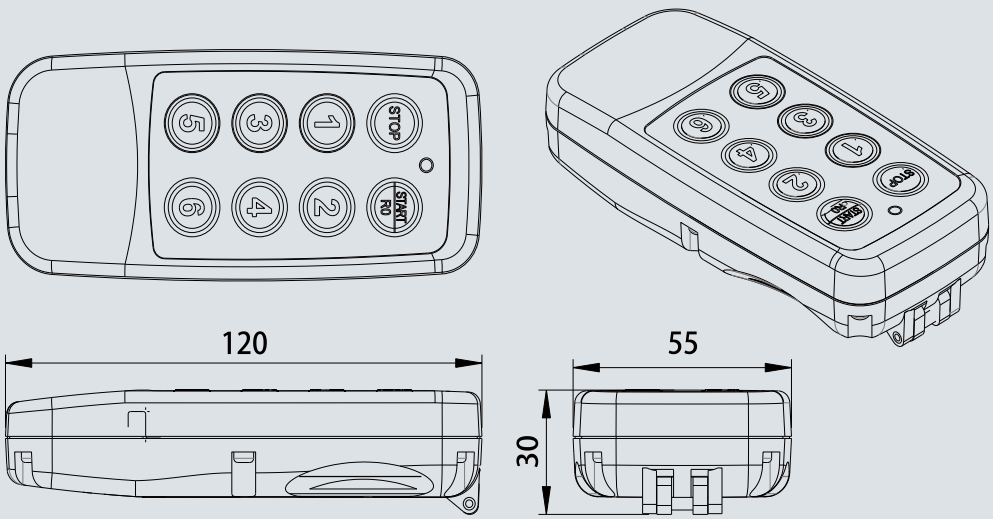


③



更多資訊請參考
www.yottacontrol.com

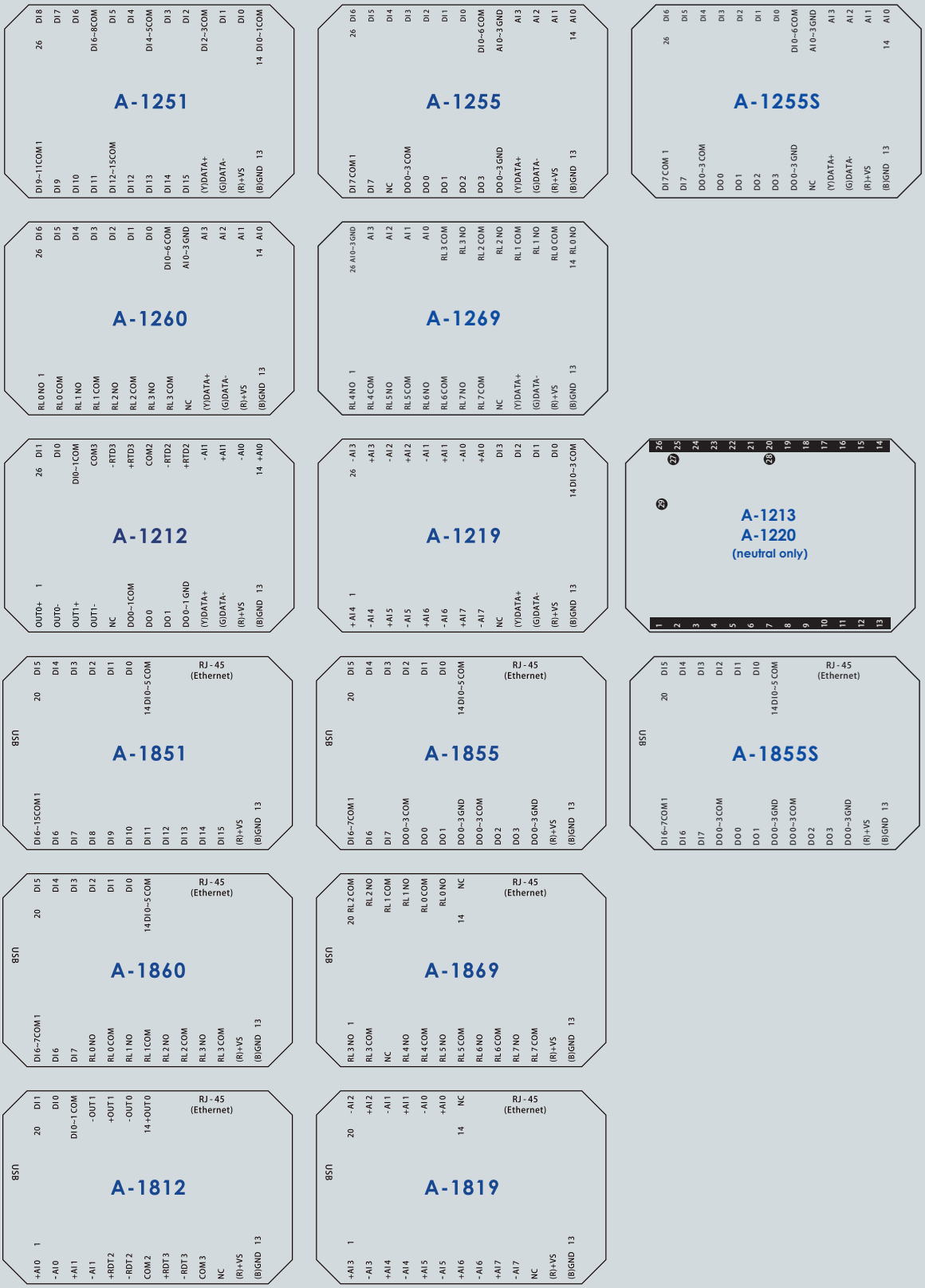
Pin Assignments

Remote Modules

Remote Modules

10

Pin Table



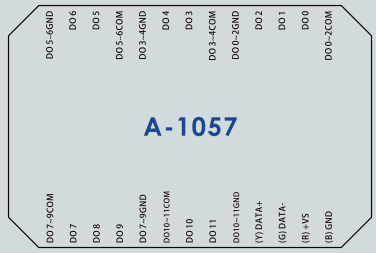
更多資訊請參考
www.yottacontrol.com

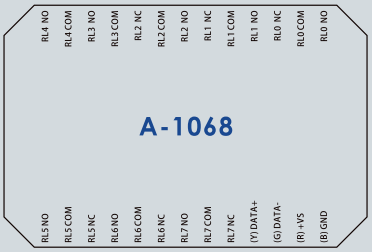
Pin Assignments

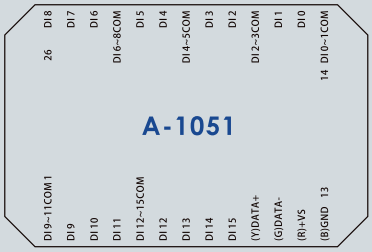
Remote Modules

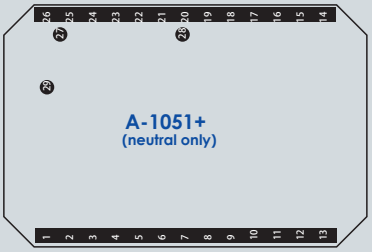
Remote Modules

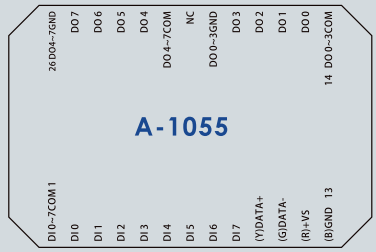
Pin Table

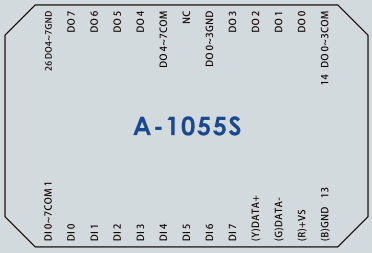


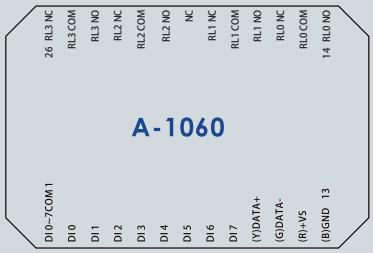


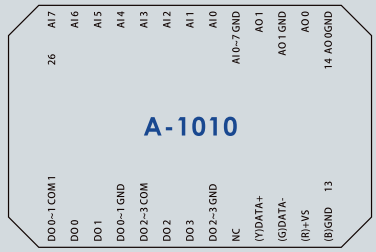


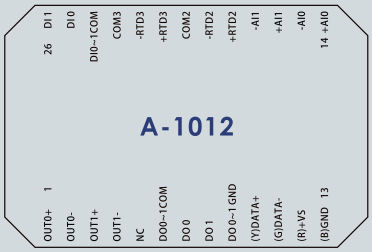


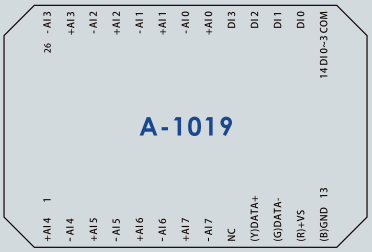


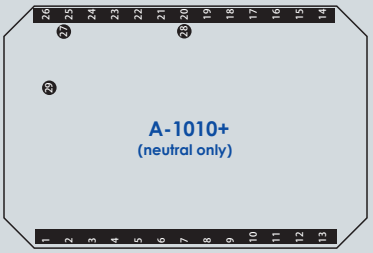


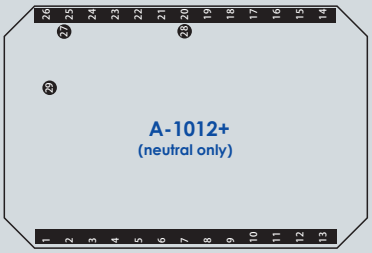


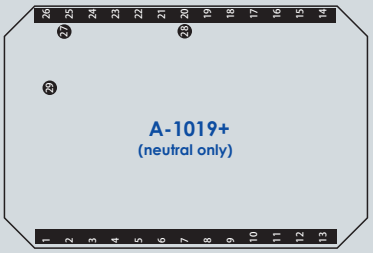


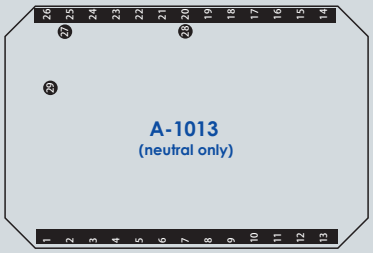


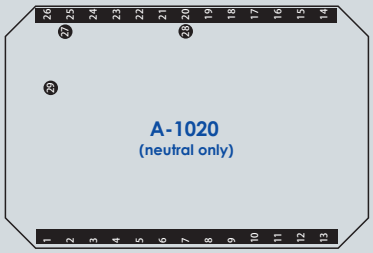


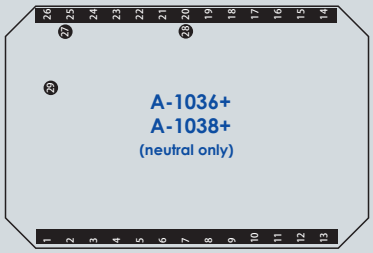












更多資訊請參考
www.yottacontrol.com

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1212				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00002	0~1 DI Input Signal	R	R	
00017~00018	0~1 DO Output Value	R/W	R/W	
00033~34	0~1 Power On Digital Output Value	R	R/W	
00049~50	0~1 Communication Fail Safe Value	R	R/W	
00065~00066	0~1Burn-out Signal	R	R	1:Burn-out (4~20mA only)
00067~00068	2~3Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40002	0~1 Current Input Value	R	R	0~20000:0/4~20mA
40003~40004	2~3 Current Input Value	R	R	0~8000:-200~+600° C
40017~40018	0~1 Current Output Value	R/W	R/W	0~4000:0/4~20mA
40033~40034	Power On Analog Output Value AO0	R	R/W	0~4000:0/4~20mA
40049~40050	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~4000:0/4~20mA
40065~40066	0~1 Input Type Code	R	R/W	0:4~20mA 1: 0~20mA
40067~40068	2~3 Input Type Code	R	R/W	0:PT-100 α = 0.00385
				1:PT-100 α = 0.003916
				2:PT-1000 α = 0.00385
				3:PT-1000 α = 0.003916
40081~40082	0~1 Output Type Code	R	R/W	0:4~20mA 1: 0~20mA
40097~40098	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40099~40100	2~3 Current Input Value	R	R	-200~+600:-200~+600° C
40113~40114	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40115~40116	2~3 Current Input Value	R	R	-328~+1112:-328~+1112° F
40129~40130	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40131~40132	2~3 Current Input Value	R	R	-2000~+6000:-200.0~+600.0° C
40145~40146	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40147~40148	2~3 Current Input Value	R	R	-3280~+11120:-328.0~+1112.0° F
40161~40164	0~3 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6Mac Serial Number	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0: RTU 1: ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps 9 : 115200 bps
				10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode			0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting in normal mode	R	R/W	0~65535 msec
40609~40616	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40648	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40680	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IE
40705~40712	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40744	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40776	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40808	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40840	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40872	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40904	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40936	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40968	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403~40434	WIFI SSID	R	R/W	Default : 12WIFI
40435~40498	WIFI Password	R	R/W	Default : 88888888
40499	WIFI Channel	R	R/W	0~ 13 0: Auto(default) / 1~13CH
40500~40503	WIFI IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:0.0.0.0
40512	WIFI MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	WIFI LOCAL PORT	R	R/W	1~65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1~65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCAL	R	R/W	0:Modbus TCP/IP(default)
				1:Modbus UDP/IP
				2:Modbus RTU Over TCP/IP
				3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step :1~12
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

Mapping Table

A-1213				
Supported Modbus Code:	**01/02/05/15**			
Address 0X	Item	NOR	INIT*	NOTE
00001~00002	0~1 DI Input Signal	R	R	
00017~00018	0~1 DO Output Value	R/W	R/W	
00033~00034	0~1 Power On Digital Output Value	R	R/W	
00049~00050	0~1 Communication Fail Safe Value	R	R/W	
00065~00066	0~1 Burn-out Signal	R	R	1:Burn-out (2~10V only)
00067~00068	2~3 Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	**03/04/06/16**			
Address 4X	Item	NOR	INIT*	NOTE
40001~40002	0~1 Current Input Value	R	R	0~10000:0/2~10V
40033~40034	2~3 Current Input Value	R	R	0~8000:-200~+600° C
40017~40018	0~1 Current Output Value	R/W	R/W	0~4000:0/2~10V
40065~40066	Power On Analog Output Value	R	R/W	0~4000:0/2~10V
40067~40068	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~4000:0/2~10V
40065~40066	0~1 Input Type Code	R	R/W	0:2~10V 1: 0~10V
40067~40068	2~3 Input Type Code	R	R/W	0:PT-100α=0.00385 1:PT-100α=0.003916
				2:PT-1000α=0.00385 3:PT-1000α=0.003916
40081~40082	0~1 Output Type Code	R	R/W	0:2~10V 1: 0~10V
40097~40098	0~1 Current Input Value	R	R	0~10:0/2~10V
40099~40100	2~3 Current Input Value	R	R	-200~+600:-200~+600° C
40113~40114	0~1 Current Input Value	R	R	0~10:0/2~10V
40115~40116	2~3 Current Input Value	R	R	-328~+1112:-328~+1112° F
40129~40130	0~1 Current Input Value	R	R	0~100:0/2~10V
40131~40132	2~3 Current Input Value	R	R	-2000~+6000:-200.0~+600.0° C
40145~40146	0~1 Current Input Value	R	R	0~100:0/2~10V
40147~40148	2~3 Current Input Value	R	R	-3280~+11120:-328.0~+1112.0° F
40161~40164	0~3 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID In Normal Mode	R	R/W	1~255
40301	Protocol In Normal Mode	R	R/W	0: RTU 1: ASCII
40302	Baud Rate In Normal Mode	R	R/W	1 : 2400 bps2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps9 : 115200 bps
				10 : 230400 bps11 : 460800 bps 12 : 921600 bps
40303	Parity Option In Normal Mode			0 : None 1 : Odd 2 : Even
40304	Stop Bits In Normal Mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0~65535 msec
40609~40616	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40648	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40680	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40712	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40744	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40776	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40808	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40840	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40872	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40904	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40936	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40968	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403~40434	WIFI SSID	R	R/W	Default : 12WIFI
40435~40498	WIFI Password	R	R/W	Default : 88888888
40499	WIFI Channel	R	R/W	0~ 13 0: Auto(default) / 1~13CH
40500~40503	WIFI IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	WIFI MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	WIFI LOCAL PORT	R	R/W	1~65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1~65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCAL	R	R/W	0:Modbus TCP/IP(default)
				1:Modbus UDP/IP
				2:Modbus RTU Over TCP/IP
				3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step :1~12
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1219				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00004	0~3 DI Input Signal	R	R	
00065~00072	0~7Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Current Input Value	R	R	0~20000:0~20mA/4~20mA 0~20700:-100~+1800° C
40065~40072	0~7 Input Type Code	R	R/W	0: 4~20mA 1: 0~20mA 2: J(-210~760° C) 3: K(-270~1,370° C)
				4: T(-270~400° C) 5: E(-270~1,000° C) 6: R(0~1,750° C)
				7: S(0~1,750° C) 8: B(0~1,800° C)
				9: 10K-2 Thermistor(0~+100° C) 10: 10K-3 Thermistor(0~+100° C)
				11: 6.8K Thermistor(-10~+100° C)12: 4.7K Thermistor(-10~+100° C)
				13: 3.3K Thermistor(-20~+100° C) 14: 3K Thermistor(-20~+100° C)
				15: 2.7K Thermistor(-20~+100° C)16: 2.252K Thermistor(-20~+100° C)
				17: 2.1K Thermistor(-30~+100° C) 18: 2K Thermistor(-30~+100° C)
				19: 1.5K Thermistor(-40~+100° C) 20: 1K Thermistor(-40~+100° C)
40097~40104	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -270~+1800:-100~+1800° C
40113~40120	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -168~+3272:-168~+3272° F
40129~40136	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -2700~+18000:-270.0~+1800.0° C
40145~40152	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -1680~+32720:-168.0~+3272.0° F
40161~40168	0~7 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0: RTU 1: ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps 9 : 115200 bps
				10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting in normal mode	R	R/W	0~65535 msec
40609~40624	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40656	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40688	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40720	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40752	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40784	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40816	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40848	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40880	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40912	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40944	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40976	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403~40434	WIFI SSID	R	R/W	Default : 12WIFI
40435~40498	WIFI Password	R	R/W	Default : 88888888
40499	WIFI Channel	R	R/W	0~ 13 0: auto(default) / 1~13CH
40500~40503	WIFI IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:0.0.0.0
40512	WIFI MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	WIFI LOCAL PORT	R	R/W	1~65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1~65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCAL	R	R/W	0:Modbus TCP/IP(default)
				1:Modbus UDP/IP
				2:Modbus RTU Over TCP/IP
				3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step :1~12
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3
40222	CJC Value	R	R	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C
40225	Set CJC Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0
40226~40233	Set The AI0~7 Offset Value (For Thermocouple/Thermistor)	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1220				
Supported Modbus Code:	**01/02/05/15**			
Address 0X	Item	NOR	INIT*	NOTE
00001~00004	0~3 DI Input Signal	R	R	
00065~00072	0~7 Burn-out Signal	R	R	1:Burn-out
Supported Modbus Code:	**03/04/06/16**			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Current Input Value	R	R	0~20000:0~10V/2~10V
40065~40072	0~7 Input Type Code	R	R/W	0:2~10V 1:0~10V
40097~40104	0~7 Current Input Value	R	R	2/0~10:2/0~10V
40113~40120	0~7 Current Input Value	R	R	2/0~10:2/0~10V
40129~40136	0~7 Current Input Value	R	R	20/0~100:2.0/0~10.0V
40145~40152	0~7 Current Input Value	R	R	20/0~100:2.0/0~10.0V
40161~40168	0~7 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID In Normal Mode	R	R/W	1~255
40301	Protocol In Normal Mode	R	R/W	0: RTU 1: ASCII
40302	Baud Rate In Normal Mode	R	R/W	1 : 2400 bps2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps9 : 115200 bps
				10 : 230400 bps11 : 460800 bps12 : 921600 bps
40303	Parity Option In Normal Mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop Bits In Normal Mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0~65535 msec
40609~40624	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40656	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float CD AB)
40673~40688	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float CD AB)
40705~40720	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40752	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float AB CD)
40769~40784	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float AB CD)
40801~40816	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40848	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float BA DC)
40865~40880	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float BA DC)
40897~40912	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40944	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float DC BA)
40961~40976	0~7 Current Input Value	R	R	32-bit Voltage Floating Value (IEEE754)(Float DC BA)
40222	CJC Value	R	R	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C
40225	Set CJC Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0
40226~40233	Set The AI0~7 Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403~40434	WIFI SSID	R	R/W	Default : 12WIFI
40435~40498	WIFI Password	R	R/W	Default : 88888888
40499	WIFI Channel	R	R/W	0~ 13 0: auto(default) / 1~13CH
40500~40503	WIFI IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	WIFI MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	WIFI LOCAL PORT	R	R/W	1~65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1~65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCAL	R	R/W	0:Modbus TCP/IP(default)
				1:Modbus UDP/IP
				2:Modbus RTU Over TCP/IP
				3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step :1~12
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1251/A-1255/A-1260/A-1269				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00016	0~15 DI Input Signal	R	R	
00017~00032	0~15 DO Output Value	R/W	R/W	
00033~00048	0~15 Power On Digital Output Value	R	R/W	
00049~00064	0~15 Communication Fail Safe Value	R	R/W	
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16	NOR	INIT*	NOTE
Address 4X	Item			
40001~40016	0~15 Current Input Value	R	R	0~4000:0~10V
40097~40112	0~15 Current Input Value	R	R	0~10:0~10V
40129~40144	0~15 Current Input Value	R	R	0~1000:0~10V
40161~40176	0~15 Current Input Value	R	R	0~1000:0.00~100.0% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6Mac Serial Number	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0: RTU 1: ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps 9 : 115200 bps
				10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting in normal mode	R	R/W	0~65535 msec
40609~40640	0~15 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40705~40736	0~15 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40801~40832	0~15 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40897~40928	0~15 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403~40434	WIFI SSID	R	R/W	Default : 12WIFI
40435~40498	WIFI Password	R	R/W	Default : 88888888
40499	WIFI Channel	R	R/W	0~ 13 0: auto(default) / 1~13CH
40500~40503	WIFI IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:0.0.0.0
40512	WIFI MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	WIFI LOCAL PORT	R	R/W	1~65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1~65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCAL	R	R/W	0:Modbus TCP/IP(default) 1:Modbus UDP/IP
				2:Modbus RTU Over TCP/IP 3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step :1~12
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

Mapping Table

A-1812				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00002	0~1 DI Input Signal	R	R	
00065~00066	0~1Burn-out Signal	R	R	1:Burn-out (4~20mA only)
00067~00068	2~3Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40002	0~1 Current Input Value	R	R	0~20000:0/4~20mA
40003~40004	2~3 Current Input Value	R	R	0~8000:-200~+600° C
40017~40018	0~1 Current Output Value	R/W	R/W	0~4000:0/4~20mA
40033~40034	Power On Analog Output Value	R	R/W	0~4000:0/4~20mA
40049~40050	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~4000:0/4~20mA
40065~40066	0~1 Input Type Code	R	R/W	0:4~20mA 1: 0~20mA
40067~40068	2~3 Input Type Code	R	R/W	0:PT-100 α = 0.00385 1:PT-100 α = 0.003916
				2:PT-1000 α = 0.00385 3:PT-1000 α = 0.003916
40081~40082	0~1 Output Type Code	R	R/W	0:4~20mA 1: 0~20mA
40097~40098	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40099~40100	2~3 Current Input Value	R	R	-200~+600:-200~+600° C
40113~40114	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40115~40116	2~3 Current Input Value	R	R	-328~+1112:-328~+1112° F
40129~40130	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40131~40132	2~3 Current Input Value	R	R	-2000~+6000:-200.0~+600.0° C
40145~40146	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40147~40148	2~3Current Input Value	R	R	-3280~+11120:-328.0~+1112.0° F
40161~40164	0~3 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6Mac Serial Number	R	R	
40306~40369	0~63Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40609~40616	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40648	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40680	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40712	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40744	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40776	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40808	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40840	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40872	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40904	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40936	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40968	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
40500~40503	Ethernet IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	Ethernet MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	Ethernet GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	Ethernet MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	Ethernet LOCAL PORT	R	R/W	1~65535 Default :502
40514	Ethernet REMOTE PORT	R	R/W	1~65535 Default:2000
40515	Ethernet DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	Ethernet PROTOCAL	R	R	0:Modbus TCP/IP(default)
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

Mapping Table

A-1819				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00065~00072	0~7Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Current Input Value	R	R	0~20000:0~20mA/4~20mA 0~20700:-100~+1800° C
40065~40072	0~7 Input Type Code	R	R/W	0: 4~20mA 1: 0~20mA 2: J(-210~760° C) 3: K(-270~1,370° C)
				4: T(-270~400° C) 5: E(-270~1,000° C) 6: R(0~1,750° C)
				7: S(0~1,750° C) 8: B(0~1,800° C)
				9: 10K-2 Thermistor(0~+100° C) 10: 10K-3 Thermistor(0~+100° C)
				11: 6.8K Thermistor(-10~+100° C) 12: 4.7K Thermistor(-10~+100° C)
				13: 3.3K Thermistor(-20~+100° C) 14: 3K Thermistor(-20~+100° C)
				15: 2.7K Thermistor(-20~+100° C) 16: 2.252K Thermistor(-20~+100° C)
				17: 2.1K Thermistor(-30~+100° C) 18: 2K Thermistor(-30~+100° C)
				19: 1.5K Thermistor(-40~+100° C) 20: 1K Thermistor(-40~+100° C)
40097~40104	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -270~+1800:-270~+1800° C
40113~40120	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -168~+3272:-168~+3272° F
40129~40136	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -2700~+18000:-270.0~+1800.0° C
40145~40152	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -1680~+32720:-168.0~+3272.0° F
40161~40168	0~7 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40609~40624	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40656	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40688	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40720	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40752	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40784	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40816	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40848	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40880	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40912	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40944	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40976	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
40306~40369	0~63Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40500~40503	Ethernet IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	Ethernet MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	Ethernet GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	Ethernet MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	Ethernet LOCAL PORT	R	R/W	1~65535 Default :502
40514	Ethernet REMOTE PORT	R	R/W	1~65535 Default:2000
40515	Ethernet DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	Ethernet PROTOCAL	R	R	0:Modbus TCP/IP(default)
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3
40222	CJC Value	R	R	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C
40225	Set CJC Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0
40226~40233	Set The AI0~7 Offset Value (For Thermocouple/Thermistor)	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0

Mapping Table

A-1851/A-1855/A-1860/1869				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00016	0~15 DI Input Signal	R	R	
00017~00032	0~15 DO Output Value	R/W	R/W	
00033~00048	0~15 Power On Digital Output Value	R	R/W	
00049~00064	0~15 Communication Fail Safe Value	R	R/W	
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40306~40369	0~63Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40500~40503	Ethernet IP	R	R/W	IP:x.x.x.x default : 192.168.1.1
40504~40507	Ethernet MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508~40511	Ethernet GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	Ethernet MODBUS ID	R	R/W	INIT*: 0 ,NOR:1~255
40513	Ethernet LOCAL PORT	R	R/W	1~65535 Default :502
40514	Ethernet REMOTE PORT	R	R/W	1~65535 Default:2000
40515	Ethernet DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	Ethernet PROTOCAL	R	R	0:Modbus TCP/IP(default)
40518~40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1012/A-1012+				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00002	0~1 DI Input Signal	R	R	
00017~00018	0~1 DO Output Value	R/W	R/W	
00033~00034	0~1 Power On Digital Output Value	R	R/W	
00049~00050	0~1 Communication Fail Safe Value	R	R/W	
00065~00066	0~1Burn-out Signal	R	R	1:Burn-out (4~20mA only)
00067~00068	2~3Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40002	0~1 Current Input Value	R	R	0~20000:0/4~20mA
40003~40004	2~3 Current Input Value	R	R	0~8000:-200~+600° C
40017~40018	0~1 Current Output Value	R/W	R/W	0~4000:0/4~20mA
40033~40034	Power On Analog Output Value AO0	R	R/W	0~4000:0/4~20mA
40049~40050	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~4000:0/4~20mA
40065~40066	0~1 Input Type Code	R	R/W	0:4~20mA 1: 0~20mA
40067~40068	2~3 Input Type Code	R	R/W	0:PT-100 α = 0.00385 1:PT-100 α = 0.003916
				2:PT-1000 α = 0.00385 3:PT-1000 α = 0.003916
40081~40082	0~1 Output Type Code	R	R/W	0:4~20mA 1: 0~20mA
40097~40098	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40099~40100	2~3 Current Input Value	R	R	-200~+600:-200~+600° C
40113~40114	0~1 Current Input Value	R	R	4/0~20:4/0~20mA
40115~40116	2~3 Current Input Value	R	R	-328~+1112:-328~+1112° F
40129~40130	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40131~40132	2~3 Current Input Value	R	R	-2000~+6000:-200.0~+600.0° C
40145~40146	0~1 Current Input Value	R	R	40/0~200:4.0/0~20.0mA
40147~40148	2~3Current Input Value	R	R	-3280~+11120:-328.0~+1112.0° F
40161~40164	0~3 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6Mac Serial Number	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0: RTU 1: ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps 9 : 115200 bps
				10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode			0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting in normal mode	R	R/W	0~65535 msec
40609~40616	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40648	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40680	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IE
40705~40712	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40744	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40776	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40808	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40840	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40872	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40904	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40936	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40968	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535

A-1x 系列

Mapping Table

A-1013				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00002	0~1 DI Input Signal	R	R	
00017~00018	0~1 DO Output Value	R/W	R/W	
00033~00034	0~1 Power On Digital Output Value	R	R/W	
00049~00050	0~1 Communication Fail Safe Value	R	R/W	
00065~00066	0~1 Burn-out Signal	R	R	1:Burn-out (2~10V only)
00067~00068	2~3 Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40002	0~1 Current Input Value	R	R	0~10000:0/2~10V
40003~40004	2~3 Current Input Value	R	R	0~8000:-200~+600° C
40017~40018	0~1 Current Output Value	R/W	R/W	0~4000:0/2~10V
40033~40034	Power On Analog Output Value	R	R/W	0~4000:0/2~10V
40049~40050	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~4000:0/2~10V
40065~40066	0~1 Input Type Code	R	R/W	0:2~10V 1: 0~10V
40067~40068	2~3 Input Type Code	R	R/W	0:PT-100α=0.00385 1:PT-100α=0.003916
				2:PT-1000α=0.00385 3:PT-1000α=0.003916
40081~40082	0~1 Output Type Code	R	R/W	0:2~10V 1: 0~10V
40097~40098	0~1 Current Input Value	R	R	0~10:0/2~10V
40099~40100	2~3 Current Input Value	R	R	-200~+600:-200~+600° C
40113~40114	0~1 Current Input Value	R	R	0~10:0/2~10V
40115~40116	2~3 Current Input Value	R	R	-328~+1112:-328~+1112° F
40129~40130	0~1 Current Input Value	R	R	0~100:0/2~10V
40131~40132	2~3 Current Input Value	R	R	-2000~+6000:-200.0~+600.0° C
40145~40146	0~1 Current Input Value	R	R	0~100:0/2~10V
40147~40148	2~3 Current Input Value	R	R	-3280~+11120:-328.0~+1112.0° F
40161~40164	0~3 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID In Normal Mode	R	R/W	1~255
40301	Protocol In Normal Mode	R	R/W	0: RTU 1: ASCII
40302	Baud Rate In Normal Mode	R	R/W	1 : 2400 bps2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps9 : 115200 bps
				10 : 230400 bps11 : 460800 bps 12 : 921600 bps
40303	Parity Option In Normal Mode			0 : None 1 : Odd 2 : Even
40304	Stop Bits In Normal Mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0~65535 msec
40609~40616	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40648	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40680	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40712	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40744	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40776	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40808	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40840	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40872	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40904	0~3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40936	0~3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40968	0~3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535

記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1019/A-1019+				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00004	0~3 DI Input Signal	R	R	
00065~00072	0~7Burn-out Signal	R	R	1:Burn-out
00129~01152	0~1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Current Input Value	R	R	0~20000:0~20mA/4~20mA 0~20700:-270~+1800° C
40065~40072	0~7 Input Type Code	R	R/W	0: 4~20mA 1: 0~20mA 2: J(-210~760° C) 3: K(-270~1,370° C)
				4: T(-270~400° C) 5: E(-270~1,000° C) 6: R(0~1,750° C)
				7: S(0~1,750° C) 8: B(0~1,800° C)
				9: 10K-2 Thermistor(0~+100° C) 10: 10K-3 Thermistor(0~+100° C)
				11: 6.8K Thermistor(-10~+100° C)12: 4.7K Thermistor(-10~+100° C)
				13: 3.3K Thermistor(-20~+100° C) 14: 3K Thermistor(-20~+100° C)
				15: 2.7K Thermistor(-20~+100° C) 16: 2.252K Thermistor(-20~+100° C)
				17: 2.1K Thermistor(-30~+100° C) 18: 2K Thermistor(-30~+100° C)
				19: 1.5K Thermistor(-40~+100° C) 20: 1K Thermistor(-40~+100° C)
40097~40104	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -270~+1800:-270~+1800° C
40113~40120	0~7 Current Input Value	R	R	4/0~20:4/0~20mA -168~+3272:-168~+3272° F
40129~40136	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -2700~+18000:-270.0~+1800.0° C
40145~40152	0~7 Current Input Value	R	R	40/0~200:4.0/0~20.0mA -1680~+32720:-168.0~+3272.0° F
40161~40168	0~7 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~65535:Disable~65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0: RTU 1: ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps 9 : 115200 bps
				10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting in normal mode	R	R/W	0~65535 msec
40609~40624	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40656	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673~40688	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705~40720	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40752	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769~40784	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801~40816	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40848	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865~40880	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897~40912	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40944	0~7 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961~40976	0~7 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281~41408	0~127Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
40222	CJC Value	R	R	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C
40225	Set CJC Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0
40226~40233	Set The AI0~7 Offset Value (For Thermocouple/Thermistor)	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0

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A-1x 系列

Mapping Table

A-1020				
Supported Modbus Code:	**01/02/05/15**			
Address 0X	Item	NOR	INIT*	NOTE
00001~00004	0~3 DI Input Signal	R	R	
00065~00072	0~7 Burn-out Signal	R	R	1:Burn-out
Supported Modbus Code:	**03/04/06/16**			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Current Input Value	R	R	**0~20000:0~10V/2~10V**
40065~40072	0~7 Input Type Code	R	R/W	**0:2~10V 1:0~10V**
40097~40104	0~7 Current Input Value	R	R	**2/0~10:2/0~10V**
40113~40120	0~7 Current Input Value	R	R	**2/0~10:2/0~10V**
40129~40136	0~7 Current Input Value	R	R	**20/0~100:2.0/0~10.0V**
40145~40152	0~7 Current Input Value	R	R	**20/0~100:2.0/0~10.0V**
40161~40168	0~7 Current Input Value	R	R	0~10000:0.00~100.00% of FSR
40178	All DI Value	R	R	
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Version 1	R	R	
40214	Version 2	R	R	
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module's ID In Normal Mode	R	R/W	1~255
40301	Protocol In Normal Mode	R	R/W	0: RTU 1: ASCII
40302	Baud Rate In Normal Mode	R	R/W	1 : 2400 bps2 : 4800 bps 3 : 9600 bps 4 : 14400 bps 5 : 19200 bps
				6 : 28800 bps 7 : 38400 bps 8 : 57600 bps9 : 115200 bps
				10 : 230400 bps11 : 460800 bps12 : 921600 bps
40303	Parity Option In Normal Mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop Bits In Normal Mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0~65535 msec
40609~40624	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40656	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float CD AB)**
40673~40688	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float CD AB)**
40705~40720	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737~40752	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float AB CD)**
40769~40784	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float AB CD)**
40801~40816	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833~40848	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float BA DC)**
40865~40880	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float BA DC)**
40897~40912	0~7 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929~40944	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float DC BA)**
40961~40976	0~7 Current Input Value	R	R	**32-bit Voltage Floating Value (IEEE754)(Float DC BA)**
40222	CJC Value	R	R	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C
40225	Set CJC Offset Value	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67 Deg.C Default:0
40226~40233	**Set The AI0~7 Offset Value**	R	R/W	-32767 ~ +32767: -327.67 ~ +327.67

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A-1x 系列

Mapping Table

A-1057/1058/1068/1069/1051	1055/1055S/1060/A-1051+			
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00016	0~15 DI Input Value	R	R	
00017~00032	0~15 Digital Output Value	R/W	R/W	
00033~00048	0~15 Power On Digital Output Value	R	R/W	
00049~00064	0~15 Communication Fail Safe Value	R	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40065	Communication Fail Safe Time Setting Value	R	R/W	0~65535: 0.0~6553.5 sec
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Soft Version 1	R	R	
40214	Soft Version 2	R	R	
40215	Communication Safety Enabled	R	R	
40216	Communication Safety Flag	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0 : RTU 1 : ASCII
40302	Baud rate in normal mode	R	R/W	0 : 1200 bps 1 : 2400 bps 2 : 4800 bps 3 : 9600 bps
				4 : 14400 bps 5 : 19200 bps 6 : 28800 bps 7 : 38400 bps
				8 : 57600 bps 9 : 115200 bps
40303	Parity option in normal mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit

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Mapping Table

A-1010/A-1010+				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001~00008	0~7 DI Input Signal	R	R	
00017~00020	0~3 Digital Output Value	R/W	R/W	
00033~00036	0~3 Power On Digital Output Value	R	R/W	
00049~00052	0~3 Communication Fail Safe Value	R	R/W	
04097~06144	0~2047 Auxiliary Memory (M Flag)	R/W	R/W	
06145~06400	0~255 Retentivity Auxiliary Memory (KM Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001~40008	0~7 Analog Input Value	R	R	0~1000:0~10V
40017~40018	0~1 Analog Output Value	R/W	R/W	0~1000:0~10V
40033~40034	0~1 Power On Analog Output Value	R	R/W	0~1000:0~10V
40049~40050	0~1 Communication Fail Safe Analog Output Value	R	R/W	0~1000:0~10V
40065	Communication Fail Safe Time Setting Value	R	R/W	0~65535: 0.0~6553.5 sec
40211	Module Name 1	R	R	
40212	Module Name 2	R	R	
40213	Soft Version 1	R	R	
40214	Soft Version 2	R	R	
40215	Communication Safety Enabled	R	R	
40216	Communication Safety Flag	R	R	
40217~40222	1~6 Mac Serial Number	R	R	
40223	Mac internal tempature (° C)	R	R	
40224	History Temperature_min (° C)	R	R	
40225	History Temperature_max (° C)	R	R	
40300	Module's ID in normal mode	R	R/W	1~255
40301	Protocol in normal mode	R	R/W	0 : RTU 1 : ASCII
40302	Baud rate in normal mode	R	R/W	1 : 2400 bps 2 : 4800 bps 3 : 9600 bps 4 : 14400 bps
				5 : 19200 bps 6 : 28800 bps 7 : 38400 bps 8 : 57600 bps
				9 : 115200 bps 10 : 230400 bps 11 : 460800 bps 12 : 921600 bps
40303	Parity option in normal mode	R	R/W	0 : None 1 : Odd 2 : Even
40304	Stop bits in normal mode	R	R/W	0 : 1 bit 1 : 2 bit
40305	Normal Mode Time Out Setting	R	R/W	0~65535:0 ~ 65535 msec
40409~40416	0~7 Input Signal Count Value (16-BIT)	R/W	R/W	0~0xFFFF
40425~40439	0~7 Input Signal Count Value (32-BIT)	R/W	R/W	0~0xFFFFFFFF
40457~40485	0~7 Input Signal Count Value (64-BIT)	R/W	R/W	0~0xFFFFFFFFFFFFFFFF
40521~40528	0~7 Analog Input hi-lo level Value	R	R/W	0~1000:(ex:350 = 3.5V), default =350
44001~46048	0~2047 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0~65535
46049~46112	0~63 Retentivity Analog Auxiliary Memory (KAM Flag)	R/W	R/W	0~65535

Mapping Table

A-1036+				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00017~00022	0~5 Digital Output Value	R	R	
00081~00086	0~5 PWM Enable	R	R/W	0 Disable, 1:Enable
00097~00099	0~2 AB-Phase Enable	R	R/W	0 Disable, 1:Enable
00113~00115	0~2 Direction of AB-Phase	R/W	R/W	0: Dir+ , 1: Dir-
00129~00131	0~2 Power On Direction of AB-Phase	R	R/W	0: Dir+ , 1: Dir-
00145~00147	0~2 Communicatiion Fail Safe Direction of AB-Phase	R	R/W	0: Dir+ , 1: Dir-
04097~06144	0~2047 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40017~40022	0~5 Analog Output Value	R/W	R/W	0~4000: 4~20mA / 0~20mA
40033~40038	0~5 Power On Analog Output Value	R	R/W	0~4000: 4~20mA / 0~20mA
40049~40054	0~5 Communication Fail Safe Analog Output Value	R	R/W	0~4000: 4~20mA / 0~20mA
40081~40086	0~5 Analog Output Type	R	R/W	0: 4~20mA / 1:0~20mA
40097~40102	0~5 Analog Output Value (mA)	R	R	4/0~20 : 4/0mA~20mA
40113~40118	0~5 Analog Output Value (0.1mA)	R	R	40/0~200 : 4.0/0.0mA~20.0mA
40129~40134	0~5 Analog Output Value (0.01mA)	R	R	400/0~2000 : 4.00/0.00mA~20.00mA
40145~40150	0~5 Analog Output Value (FSR)	R	R	0~10000 : 0.00%~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~32767 (sec) , 0:Disable
40179	All DO Value	R	R	
40211	Module Name 1	R	R	0x10 0x26
40212	Module Name 2	R	R	0x00 0x00
40213	Version 1	R	R	0x01 0x00
40214	Version 2	R	R	0x00 0x00
40215~40220	1~6 Mac Serial Number	R	R	
40300	Module” s ID In Normal Mode	R	R/W	1~255
40301	Protocol In Normal Mode	R	R/W	0:RTU , 1:ASCII
40302	Baudrate In Normal Mode	R	R/W	0 : 1200 bps , 1 : 2400 bps , 2 : 4800 bps , 3 : 9600 bps
				4 : 14400 bps , 5 : 19200 bps , 6 : 28800 bps , 7 : 38400 bps
				8 : 57600 bps , 9 : 115200 bps
40303	Parity In Normal Mode	R	R/W	0:none, 1:odd, 2:even
40304	Stop Bits In Normal Mode	R	R/W	0:1 bit , 1:2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0~32767 (ms)
40609~40620	0~5 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641~40652	0~5 Current Output Value(32-bit) (mA)	R	R	32-bit Current Floating Value (IEEE754)(Float CD AB)
40705~40716	0~5 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float AB CD)
40737~40748	0~5 Current Output Value(32-bit) (mA)	R	R	32-bit Current Floating Value (IEEE754)(Float AB CD)
40801~40812	0~5 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float BA DC)
40833~40844	0~5 Current Output Value(32-bit) (mA)	R	R	32-bit Current Floating Value (IEEE754)(Float BA DC)
40897~40908	0~5 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float DC BA)
40929~40940	0~5 Current Output Value(32-bit) (mA)	R	R	32-bit Current Floating Value (IEEE754)(Float DC BA)
41251~41256	0~5 DO Status High Level	R	R/W	400/0~2000 : 4.00/0.00mA~20.00mA
41259~41264	0~5 DO Status Low Level	R	R/W	400/0~2000 : 4.00/0.00mA~20.00mA
41267~41272	0~5 Analog Output Offset (4mA)	R	R/W	-1000~1000
41275~41280	0~5 Analog Output Offset (20mA)	R	R/W	-1000~1000
41409~41414	0~5 Amplitude of PWM	R/W	R/W	0~4000: 4~20mA / 0~20mA
41425~41430	0~5 Frequency of PWM	R/W	R/W	10~10000 (0.05ms/pulse)
41441~41446	0~5 Duty Ratio of PWM	R/W	R/W	0~100(%)
41457~41459	0~2 Amplitude of AB-Phase	R/W	R/W	0~4000: 4~20mA / 0~20mA
41473~41475	0~2 Frequency of AB-Phase	R/W	R/W	10~10000 (0.05ms/pulse)
41489~41494	0~5 Power On Amplitude of PWM	R	R/W	0~4000: 4~20mA / 0~20mA
41505~41510	0~5 Power On Frequency of PWM	R	R/W	10~10000 (0.05ms/pulse)
41521~41526	0~5 Power On Duty Ratio of PWM	R	R/W	0~100(%)
41537~41539	0~2 Power On Amplitude of AB-Phase	R	R/W	0~4000: 4~20mA / 0~20mA
41553~41555	0~2 Power On Frequency of AB-Phase	R	R/W	10~10000 (0.05ms/pulse)
41569~41574	0~5 Communication Fail Safe Amplitude of PWM	R	R/W	0~4000: 4~20mA / 0~20mA
41585~41590	0~5 Communication Fail Safe Frequency of PWM	R	R/W	10~10000 (0.05ms/pulse)
41601~41606	0~5 Communication Fail Safe Duty Ratio of PWM	R	R/W	0~100(%)
41617~41619	0~2 Communication Fail Safe Amplitude of AB-Phase	R	R/W	0~4000: 4~20mA / 0~20mA
41633~41635	0~2 Communication Fail Safe Frequency of AB-Phase	R	R/W	10~10000 (0.05ms/pulse)
44001~46048	0~2047 Analog Auxiliary Memory (AM Flag)	R/W	R/W	

A-1x 系列

Mapping Table

A-1038+				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00017	0~7 DO Output Value	R	R	0/1
00081	0~7 PWM Enable	R	R/W	0/1
00097	0~3 AB-Phase Enable	R	R/W	0/1
00113	0~3 AB-Phase Direction	R/W	R/W	0/1
00129	0~3 Power On Direction of AB-Phase	R	R/W	0/1
00145	0~3 Communication Fail Safe Direction of AB-Phase	R	R/W	0/1
04097	0~2047 Auxiliary Memory (M flag)	R/W	R/W	0/1
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40017	0~7 Analog Output Value	R/W	R/W	0~4000: 0~10V
40033	0~7 Power On Analog Output Value	R	R/W	0~4000: 0~10V
40049	0~7 Communication Fail Safe Analog Output Value	R	R/W	0~4000: 0~10V
40097	0~7 Analog Output Value (V)	R	R	0~10 : 0V~10V
40113	0~7 Analog Output Value (0.1V)	R	R	0~100 : 0.0V~10.0V
40129	0~7 Analog Output Value (0.01V)	R	R	0~1000 : 0.00V~10.00V
40145	0~7 Analog Output Value (FSR)	R	R	0~10000 : 0.00%~100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0~32767 (sec) , 0:Disable
40179	All DO Value	R	R	
40211	Module Name 1	R	R	0x38 0x10
40212	Module Name 2	R	R	0x00 0x00
40213	Version 1	R	R	0x00 0xA1
40214	Version 2	R	R	0x00 0x00
40215	1~6 Mac Serial Number	R	R	
40300	Module”s ID In Normal Mode	R	R	
40301	Protocol In Normal Mode	R	R	0:RTU , 1:ASCII
40302	Baud Rate In Normal Mode	R	R	0(1200 bps) ~ 9(115200 bps)
40303	Parity Option In Normal Mode	R	R	0:none, 1:odd, 2:even
40304	Stop Bits In Normal Mode	R	R	0:1 bit , 1:2 bit
40305	Time Out Setting In Normal Mode	R	R	0~32767 (ms)
40609	0~7 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641	0~7 Current Output Value(32-bit) (V)	R	R	32-bit Current Floating Value (IEEE754)(Float CD AB)
40705	0~7 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float AB CD)
40737	0~7 Current Output Value(32-bit) (V)	R	R	32-bit Current Floating Value (IEEE754)(Float AB CD)
40801	0~7 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float BA DC)
40833	0~7 Current Output Value(32-bit) (V)	R	R	32-bit Current Floating Value (IEEE754)(Float BA DC)
40897	0~7 Current Output Value(32-bit)	R	R	32-bit Floating Value (IEEE754)(Float DC BA)
40929	0~7 Current Output Value(32-bit) (V)	R	R	32-bit Current Floating Value (IEEE754)(Float DC BA)
41251	0~7 DO Status High Level	R	R/W	0~1000 : 0.00V~10.00V
41259	0~7 DO Status Low Level	R	R/W	0~1000 : 0.00V~10.00V
41275	0~7 AQ Offset (10V)	R	R/W	
41393	0~7 Analog Output Value of PWM/AB-Phase	R	R	0~4000: 0~10V
41409	0~7 Amplitude of PWM	R/W	R/W	0~1000 : 0.00V~10.00V
41425	0~7 Frequency of PWM	R/W	R/W	0.05ms/pulse
41441	0~7 Duty Ratio of PWM	R/W	R/W	%
41457	0~3 Amplitude of AB-Phase	R/W	R/W	0~1000 : 0.00V~10.00V
41473	0~3 Frequency of AB-Phase	R/W	R/W	0.05ms/pulse
41481	0~3 Duty Ratio of AB-Phase	R	R	%
41489	0~7 Power On Amplitude of PWM	R	R/W	
41505	0~7 Power On Frequency of PWM	R	R/W	0.05ms/pulse
41521	0~7 Power On Duty Ratio of PWM	R	R/W	%
41537	0~3 Power On Amplitude of AB-Phase	R	R/W	
41553	0~3 Power On Frequency of AB-Phase	R	R/W	0.05ms/pulse
41561	0~3 Power On Duty of AB-Phase	R	R	%
41569	0~7 Communication Fail Safe Amplitude of PWM	R	R/W	
41585	0~7 Communication Fail Safe Frequency of PWM	R	R/W	0.05ms/pulse
41601	0~7 Communication Fail Safe Duty Ratio of PWM	R	R/W	%
41617	0~3 Communication Fail Safe Amplitude of AB-Phase	R	R/W	
41633	0~3 Communication Fail Safe Frequency of AB-Phase	R	R/W	0.05ms/pulse
41641	0~3 Communication Fail Safe Duty of AB-Phase	R	R	%
44001	0~2047 Analog Auxiliary Memory (AM Flag)	R/W	R/W	

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