A-1x系列分散式遠程模組

產品型錄 •2016.09

WIFI/ETHERNET/RS-485 分散式遠程模組

eAutomation Solution

Yottacontrol Co.

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”

For more information, please refer to
www.yotttacontrol.com

型號	A-1251 數位輸入模組	A-1212 類比數位模組	A-1219 類比數位模組	A-1255 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*(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* PT-100/1000 (-200 ~ +600°C)	0/4~20mA,J,K,T,E,R ,S,B,Thermistor (-270 ~ +1800°C)	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	10 sample/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)						

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”

For more information, please refer to
www.yotttacontrol.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	10 sample/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.yotttacontrol.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-1055 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	8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	---	8點,Sink晶體管
數位輸出連續電流	10-35VDC(1A)	10-40VDC(200mA)	120VAC(0.5A)/30VDC(1A)	250VAC(5A)/30VDC(1A)	---	10-40VDC(200mA)
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-1055S 數位輸出入	A-1060 數位輸出入
工作電壓	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
數位輸出(隔離)	8點,Souce晶體管	4點,功率繼電器
數位輸出連續電流	10-35VDC(1A)	250VAC(5A)/30VDC(5A)
通訊速率		1200~115200bps
類比輸入		---
類比輸出		---
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

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"

For more information, please refer to
www.yotttacontrol.com

型號	A-1010 類比模組	A-1012 類比模組	A-1019 類比模組
工作電壓	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	4*Isolation DI status low:<1VDC status high:>5~30VDC
數位輸出(隔離)	4*(Transistor)	2*(Transistor)	---
數位輸出連續電流	10-40VDC(200mA)	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)	8 (16-bit)
類比輸入型態	0~10V	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 (10-bit)	2 (12-bit)	---
類比輸出型態	0~10V	0/4 ~20mA	---
類比輸入阻抗	Voltage:10 MΩ	Current: 100 Ω RTD : 10 MΩ	Current: 100 Ω Voltage : 10 MΩ
類比輸入/輸出有效精度	±1% / ±1%	±0.1% / ±1%	±0.1% / ---
通訊介面	RS-485		RS-485 + USB
通道獨立設定	YES		
取樣率	10 sample/second (總和)		
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)		

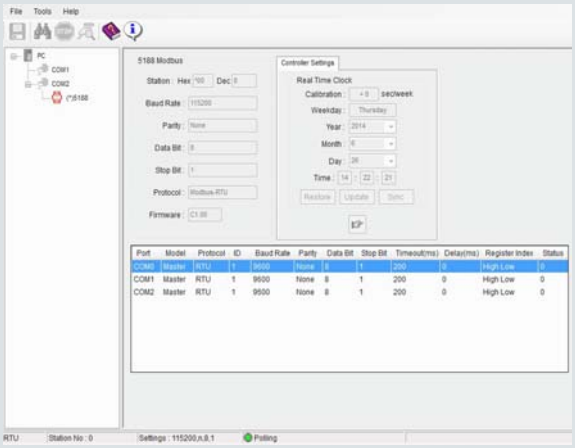
監控與資料庫軟體

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.yotttacontrol.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

訂貨資料

Yottacontrol 遠程模組

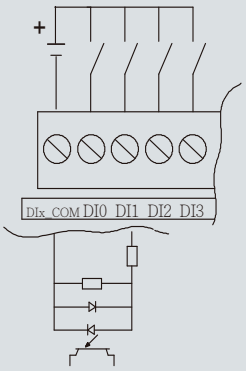
WIFI Remote Modules		
1212	WIFI ADIO Remote Modules, 2DI, 4AI(0~20/4~20mA + PT-100/1000), 2AO(0~20/4~20mA), 2DO(Transistor), WIFI*1, RS-485*1, USB*1	A-1212
1219	WIFI ADIO Remote Modules, 8AI(0~20/4~20mA, J, K, T, E, R, S, B, Thermistor), 4DI, WIFI*1, RS-485*1, USB*1	A-1219
1251	WIFI DI Remote Modules, 16DI, WIFI*1, RS-485*1, USB*1	A-1251
1255	WIFI ADIO Remote Modules, 8DI/4AI(0~10V)/4DO(Motor Driver), WIFI*1, RS-485*1, USB*1	A-1255
1260	WIFI ADIO Remote Modules, 7DI/4AI(0~10V)/4DO(Power Relay), WIFI*1, RS-485*1, USB*1	A-1260
1269	WIFI ADIO Remote Modules, 4AI(0~10V)/8DO(Power Relay), WIFI*1, RS-485*1, USB*1	A-1269
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), ETHERNET*1, USB*1	A-1855
1860	ETHERNET DIO Remote Modules, 8DI/4DO(Power Relay), ETHERNET*1, USB*1	A-1860
1869	ETHERNET DO Remote Modules, 8DO(Power Relay), ETHERNET*1, USB*1	A-1869
RS-485 Remote Modules		
1057	DO Remote Modules，LED indicator，DC Power Supply，12DO(Source)，RS-485*1	A-1057
1058	DO Remote Modules，LED indicator，DC Power Supply，12DO(Sink)，RS-485*1	A-1058
1068	DO Remote Modules，LED indicator，DC Power Supply，8DO(Signal Relay)，RS-485*1	A-1068
1069	DO Remote Modules，LED indicator，DC Power Supply，8DO(Power Relay)，RS-485*1	A-1069
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)，RS-485*1	A-1055
1055S	DIO Remote Modules，LED indicator，DC Power Supply，8DI/8DO(Source)，RS-485*1	A-1055S
1060	DIO Remote Modules，LED indicator，DC Power Supply，8DI/4DO(Power Relay)，RS-485*1	A-1060
1010	ADIO Remote Modules，LED indicator，DC Power Supply，8AI(0~10V)，2AO(0~10V)，4DO(Sink)，RS-485*1	A-1010
1012	ADIO Remote Modules，LED indicator，DC Power Supply，2DI，4AI(0~20/4~20mA + PT-100/1000)，2AO(0~20/4~20mA)，2DO(Transistor)，RS-485*1, USB*1	A-1012
1019	ADIO Remote Modules，LED indicator，DC Power Supply，4DI，8AI(0~20/4~20mA, J, K, T, E, R, S, B, Thermistor)，RS-485*1, USB*1	A-1019
Wi-Fi Two-Way Communicate Transmitter		
3290	DI Wi-Fi Remote Transmitter Modules，LED indicator，AA Battery *2，7DI, USB*1	A-3290
Accessories		
ASPS	Power Supply，24V/2A	ASPS
CAB-MINIUSB60	Communication lines	CAB-MINIUSB60
CAB89	A-3290 Communication lines	CAB89
Software		
Yotta Utility	Monitoring and Database Software	Yotta Utility
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

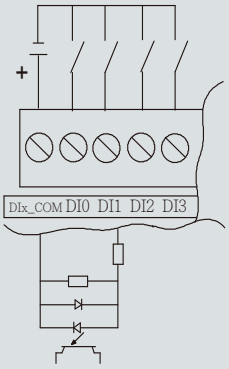
遠程模組

A-1x 系列

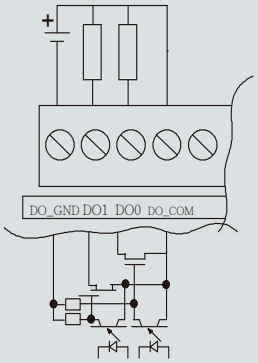
PNP Input



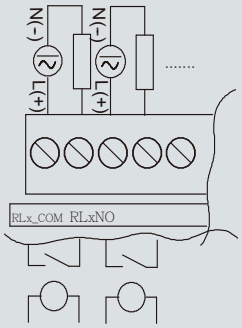
NPN Input



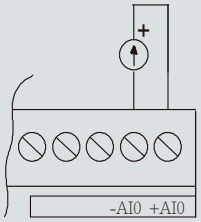
1055 Output



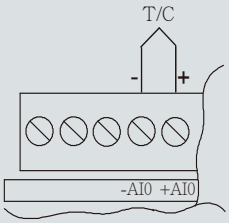
Relay Output



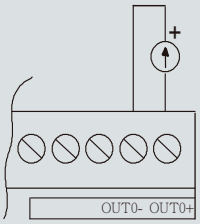
Current Input



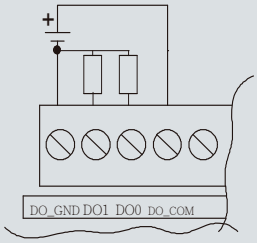
Thermocouple Input



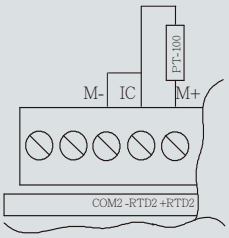
Current Output



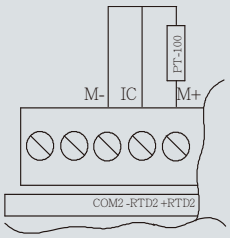
1055S/1012/1212 Output



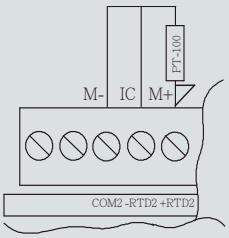
2-wire RTD Input



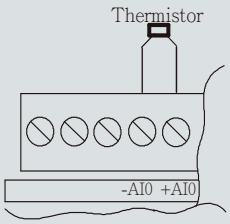
3-wire RTD Input



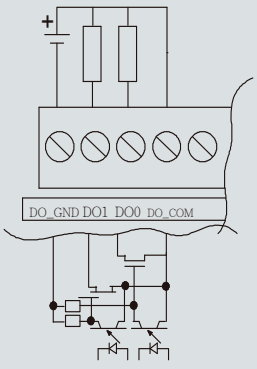
4-wire RTD Input



Thermistor Input



Motor Driver Output



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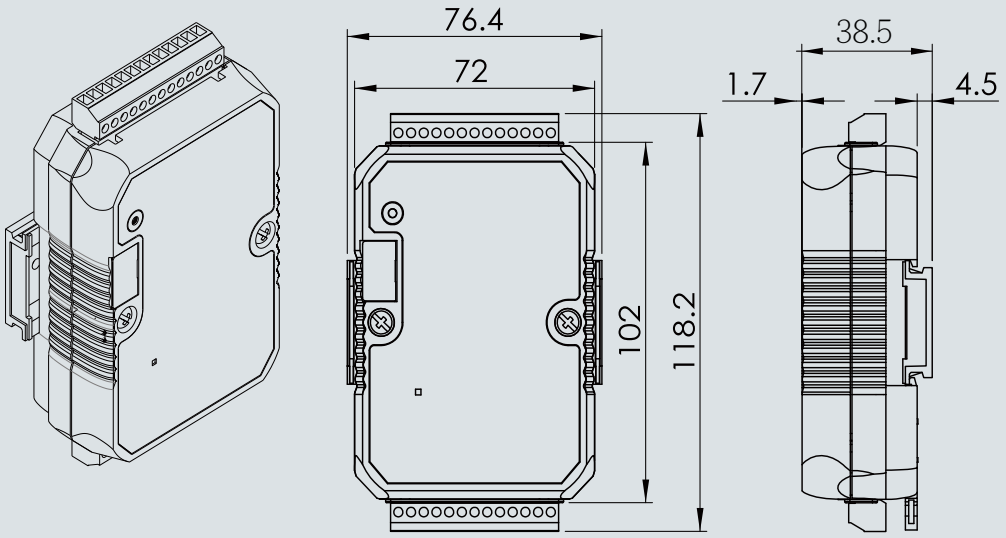
外觀尺寸

遠程模組

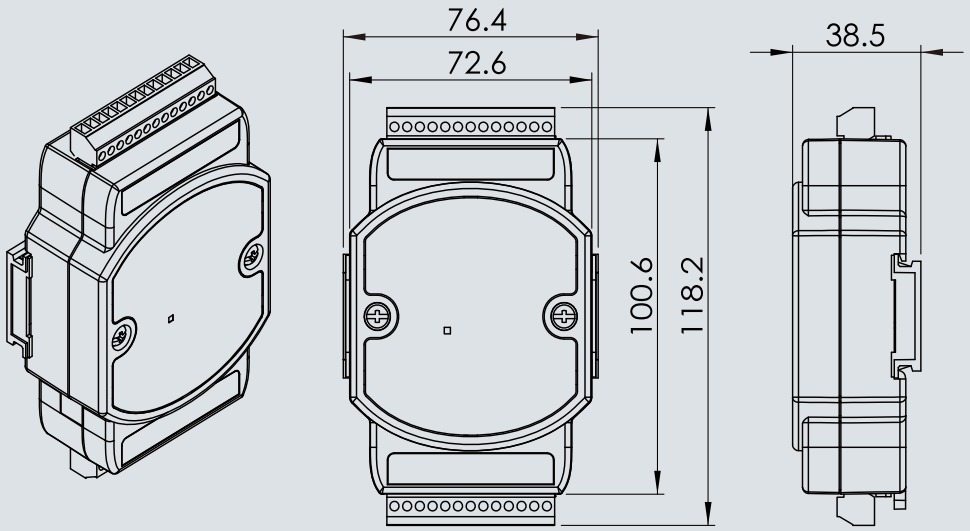
8

Dimension

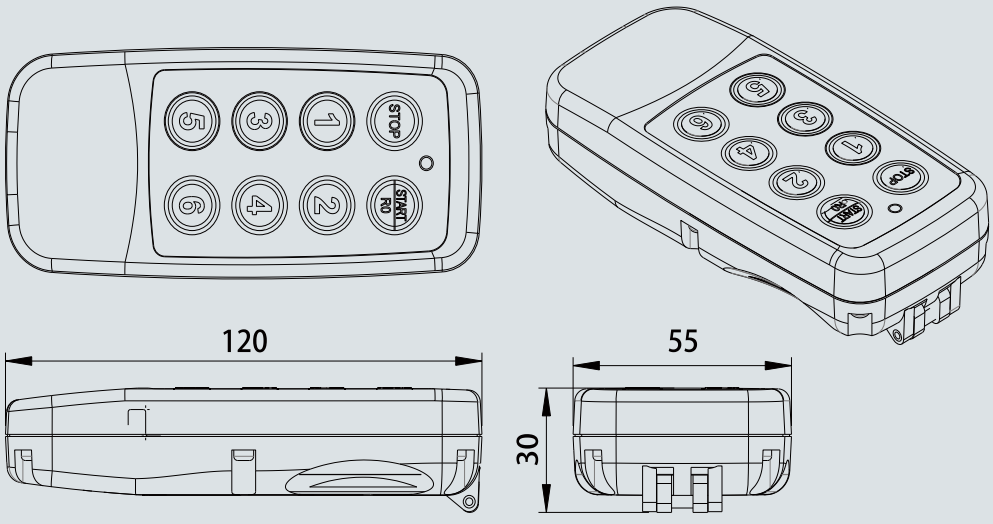
①



②



③



For more information, please refer to
www.yotttacontrol.com

機型腳位

遠程模組

A-1x 系列

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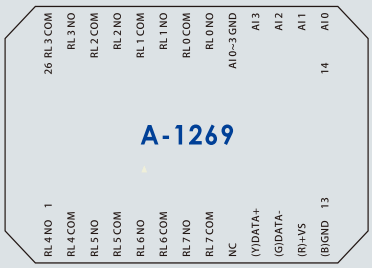
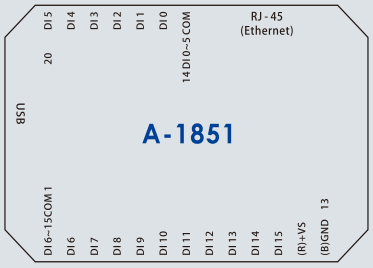
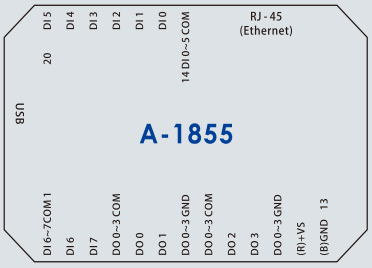
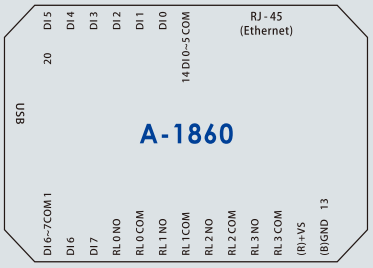
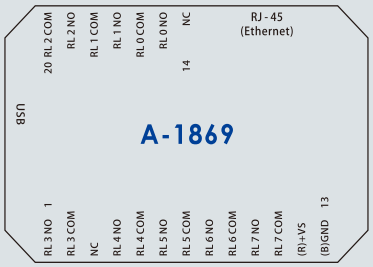
Pin Table

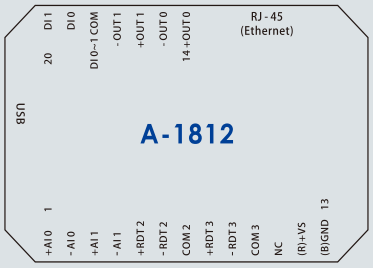


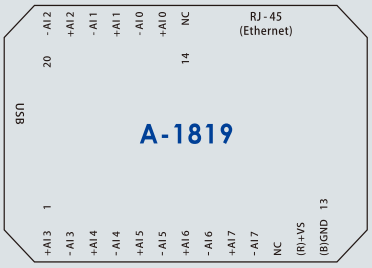












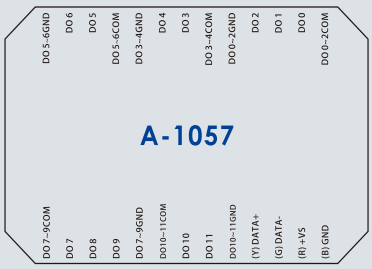
For more information, please refer to
www.yotttacontrol.com

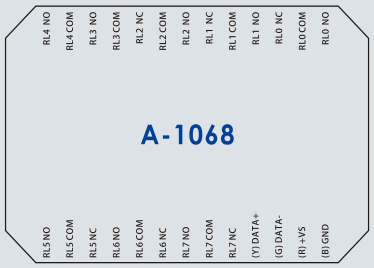
機型腳位

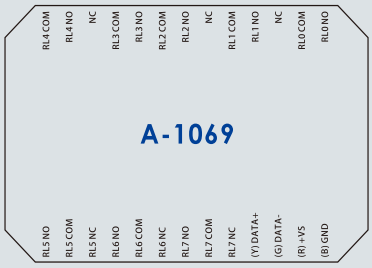
遠程模組

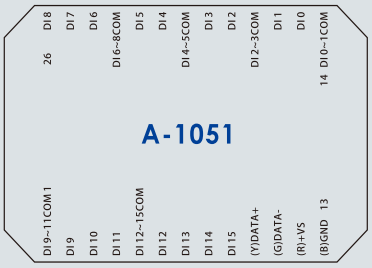
A-1x 系列

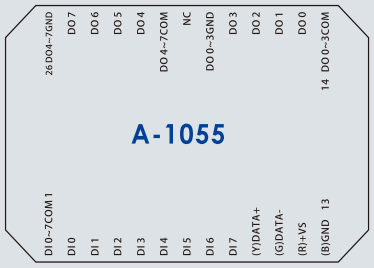
Pin Table

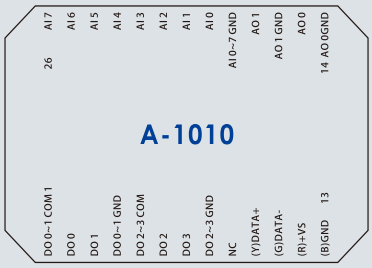


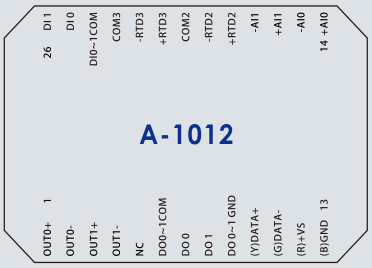


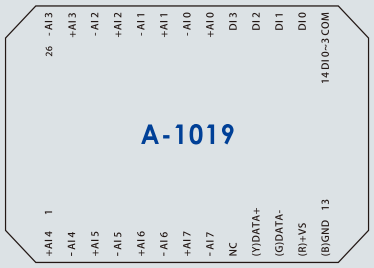












For more information, please refer to
www.yotttacontrol.com

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	0x12 0x12
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
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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	0x12 0x19
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
www.yotttacontrol.com

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	0x12 0x60
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
www.yotttacontrol.com

記憶體表格

遠程模組

A-1x 系列

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-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	0:4~20mA 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	0x18 0x12
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
www.yotttacontrol.com

記憶體表格

遠程模組

A-1x 系列

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	0x18 0x19
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

For more information, please refer to
www.yotttacontrol.com

記憶體表格

遠程模組

A-1x 系列

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	0x18 0x60
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
www.yotttacontrol.com

記憶體表格

遠程模組

A-1x 系列

Mapping Table

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	0x10 0x12
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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

For more information, please refer to
www.yotttacontrol.com

記憶體表格

遠程模組

A-1x 系列

Mapping Table

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	0x12 0x19
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
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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記憶體表格

遠程模組

A-1x 系列

Mapping Table

A-1057/1058/1068/1069/1051	1055/1055S/1060			
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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記憶體表格

遠程模組

A-1x 系列

Mapping Table

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

For more information, please refer to
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