

A-1x系列分散式遠程模組

產品型錄 · 2016.08



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”



For more information, please refer to

www.yottacontrol.com

型號	A-1251	A-1212	A-1219	A-1255	A-1260	A-1269	A-3290
	數位輸入模組	類比數位模組	類比數位模組	類比數位模組	類比數位模組	類比數位模組	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 (-100 ~ +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:0~760°C) (K:0~1,370°C) (T:-100~400°C) (E:0~1,000°C) (R:500~1,750°C) (S:500~1,750°C) (B:500~1,800°C) (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:0~100°C) (Thermistor-4.7K:0~100°C) (Thermistor-3.3K:0~100°C) (Thermistor-3K:0~100°C) (Thermistor-2.7K:0~100°C) (Thermistor-2.252K:0~100°C) (Thermistor-2.1K:0~100°C) (Thermistor-2K:0~100°C) (Thermistor-1.5K:0~100°C) (Thermistor-1K:0~100°C)				

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Ethernet介面+ USB介面
- ※ Ethernet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.yottacontrol.com

型號	A-1851	A-1812	A-1819	A-1855	A-1860	A-1869
	數位輸入模組	類比數位模組	類比模組	數位模組	數位模組	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 (-100 ~ +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:0-760°C) (K:0-1,370°C) (T:-100-400°C) (E:0-1,000°C) (R:500-1,750°C) (S:500-1,750°C) (B:500-1,800°C) (Thermistor-10K-T2:0-100°C) (Thermistor-10K-T3:0-100°C) (Thermistor-6.8K:0-100°C) (Thermistor-4.7K:0-100°C) (Thermistor-3.3K:0-100°C) (Thermistor-3K:0-100°C) (Thermistor-2.7K:0-100°C) (Thermistor-2.252K:0-100°C) (Thermistor-2.1K:0-100°C) (Thermistor-2K:0-100°C) (Thermistor-1.5K:0-100°C) (Thermistor-1K:0-100°C)			

遠程模組

RS-485數位遠程模組

A-10x系列

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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	A-1058	A-1068	A-1069	A-1051	A-1055
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	A-1060
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

遠程模組

RS-485類比數位遠程模組

A-10x 系列

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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.yottacontrol.com

型號	A-1010	A-1012	A-1019
	類比模組	類比模組	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 (-100 ~ +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:0-760°C) (K:0-1,370°C) (T:-100-400°C) (E:0-1,000°C) (R:500-1,750°C) (S:500-1,750°C) (B:500-1,800°C) (Thermistor-10K-T2:0-100°C) (Thermistor-10K-T3:0-100°C) (Thermistor-6.8K:0-100°C) (Thermistor-4.7K:0-100°C) (Thermistor-3.3K:0-100°C) (Thermistor-3K:0-100°C) (Thermistor-2.7K:0-100°C) (Thermistor-2.252K:0-100°C) (Thermistor-2.1K:0-100°C) (Thermistor-2K:0-100°C) (Thermistor-1.5K:0-100°C) (Thermistor-1K:0-100°C)		

監控與資料庫軟體

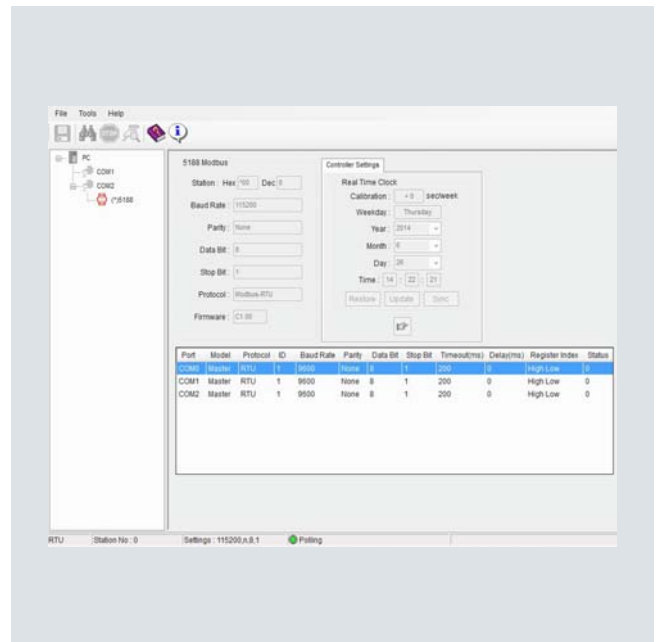
可程式自動化控制器監控與資料庫軟體

Yotta Utility

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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

訂貨資料

Yottacontrol 遠程模組

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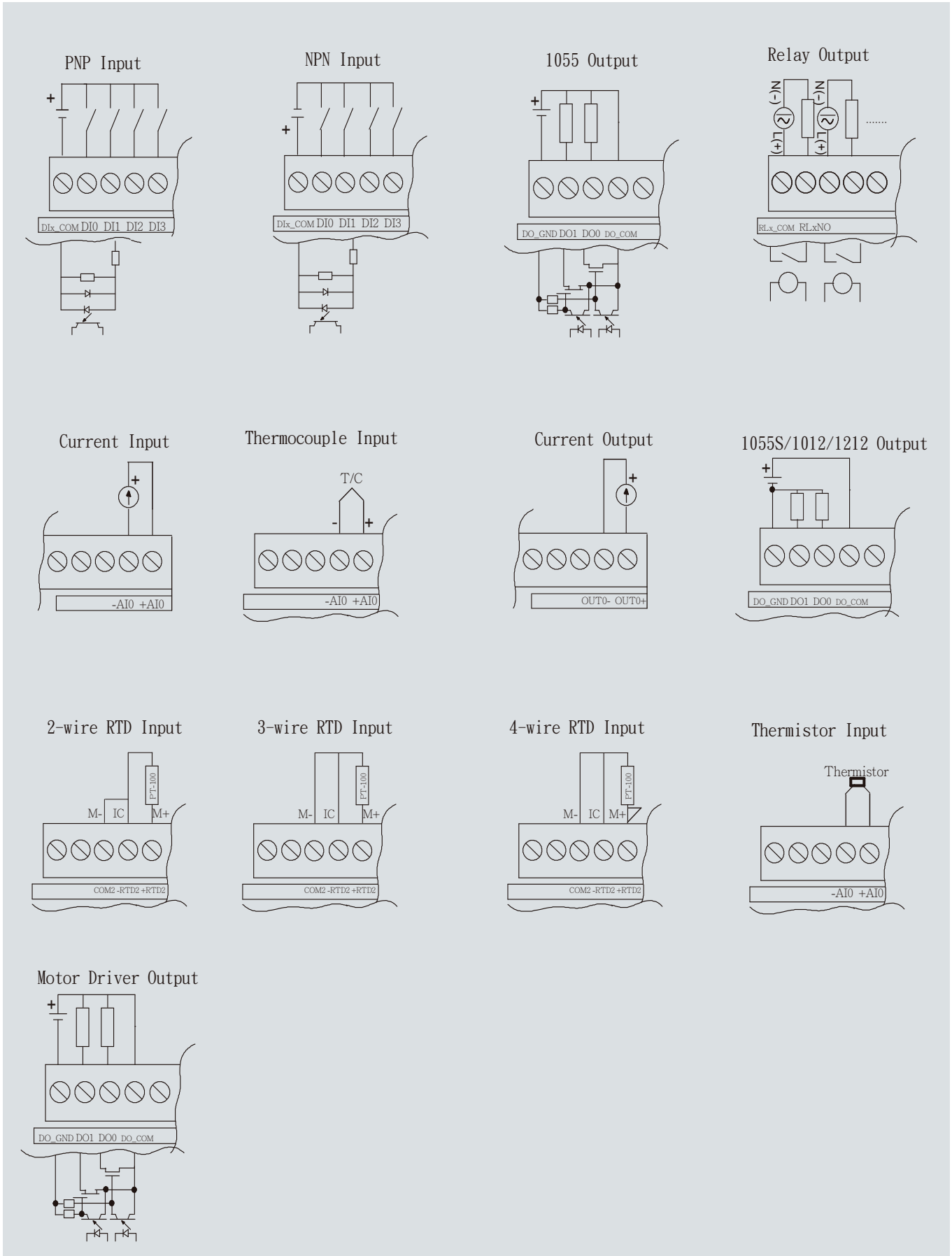
WIFI Remote Modules		
1212	WIFI ADIO Remote Modules, 2DI, 4AI(0-20/4-20mA + PT-100/1000), 2AO(0-20/4-20mA), 2DO(Transistor), WIFI*1, RS-485*1, USB*1	A-1212
1219	WIFI ADIO Remote Modules, 8AI(0-20/4-20mA, J, K, T, E, R, S, B, Thermistor), 4DI, WIFI*1, RS-485*1, USB*1	A-1219
1251	WIFI DI Remote Modules, 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

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

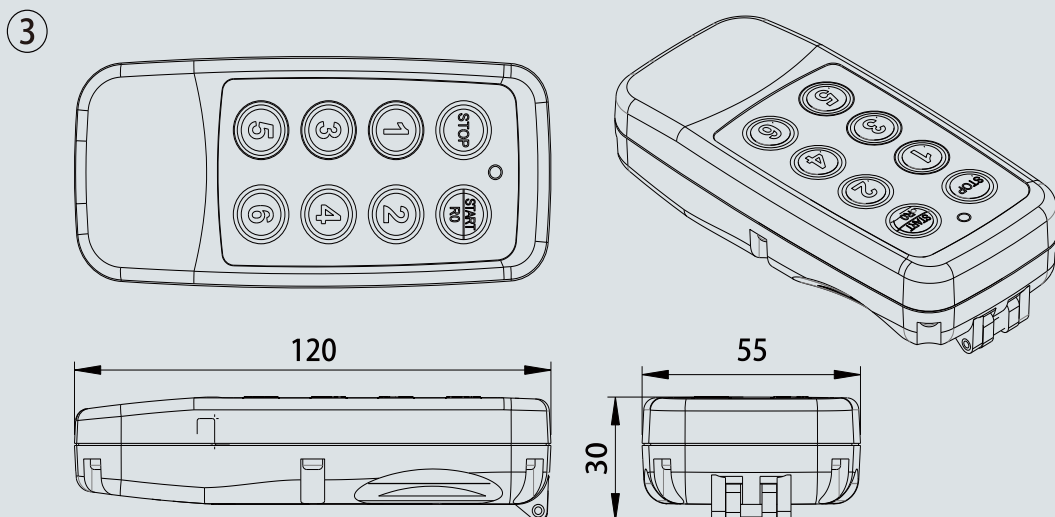
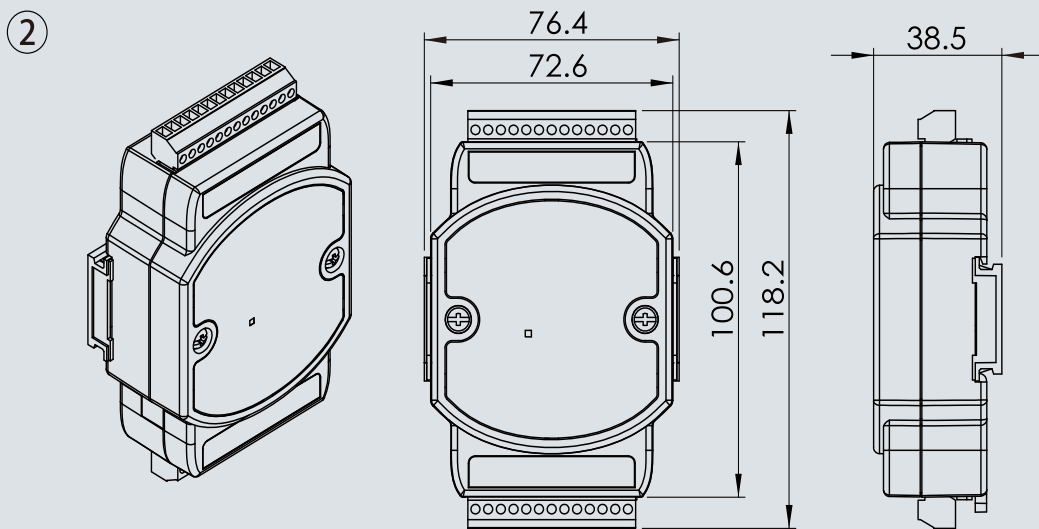
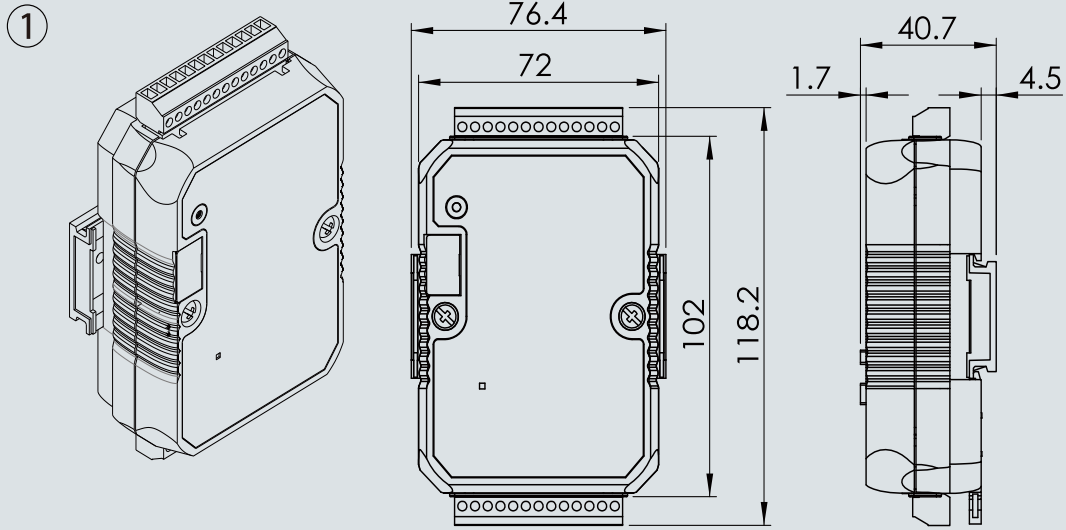
外觀尺寸

遠程模組

遠程模組

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Dimension

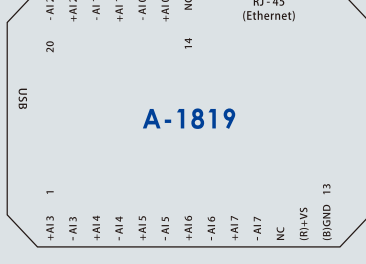
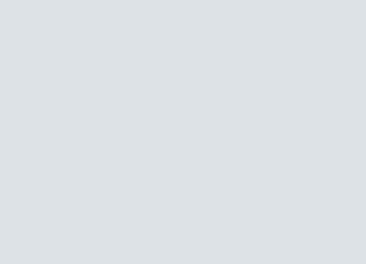
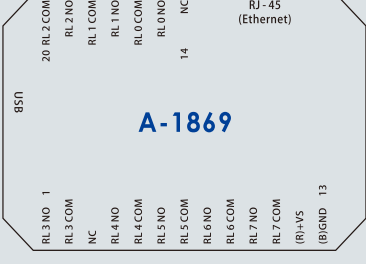
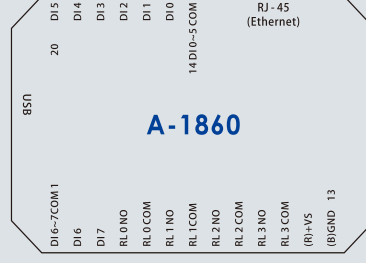
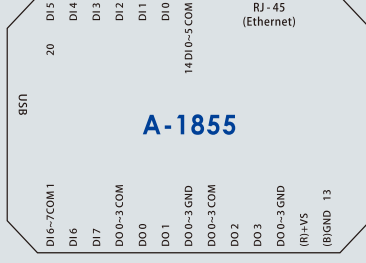
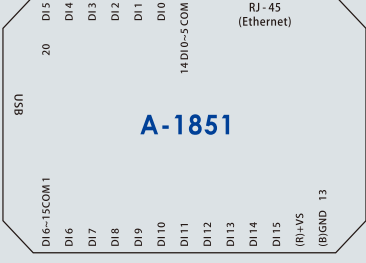
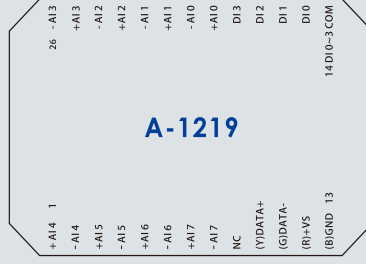
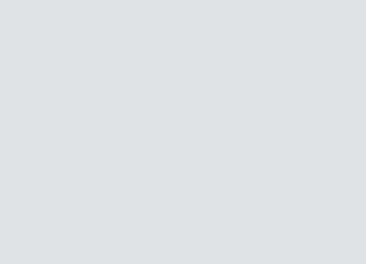
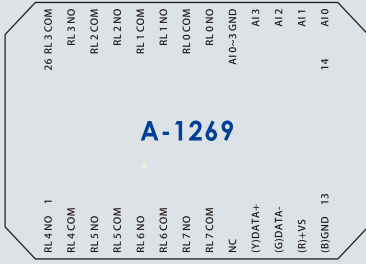
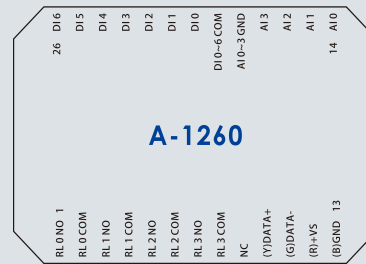
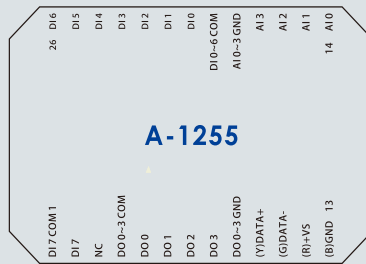


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A-1x 系列

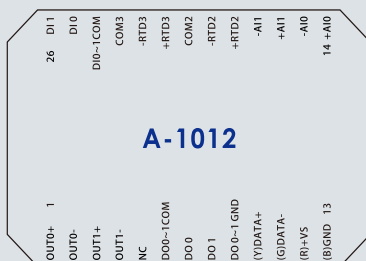
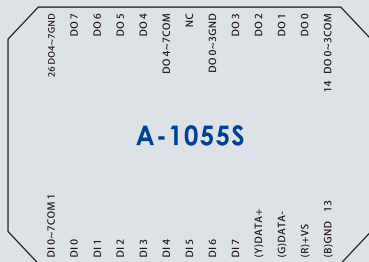
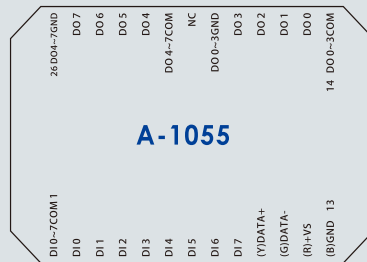
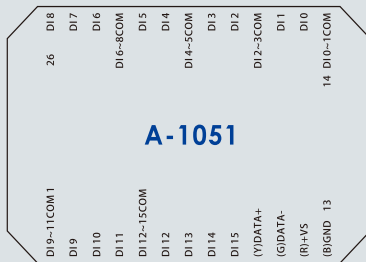
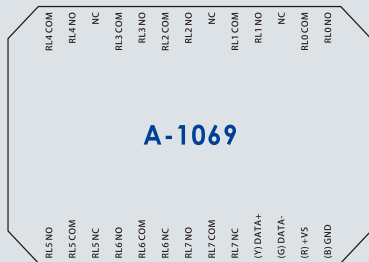
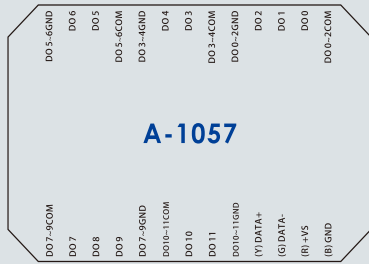
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Pin Table



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Pin Table



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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	0-1 Burn-out Signal	R	R	1: Burn-out (4-20mA 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	0-20000:0/4-20mA
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 A00	R	R/W	0-4000:0/4-20mA
40049-40050	0-1 Communication Fail Safe Analog Output Value	R/W	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	0-127 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: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 PROTOCOL	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

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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	0-7 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
40001-40008	0-7 Current Input Value	R	R	0-20000:0-20mA/4-20mA 0-19000:-100-+1800° C
40065-40072	0-7 Input Type Code	R	R/W	0: 4-20mA 1: 0-20mA 2: J(0-760° C) 3: K(0-1,370° C) 4: T(-100-400° C) 5: E(0-1,000° C) 6: R(500-1,750° C) 7: S(500-1,750° C) 8: B(500-1,800° C) 9: 10K-2 Thermistor(0-+100° C) 10: 10K-3 Thermistor(0-+100° C) 11: 6.8K Thermistor(0-+100° C) 12: 4.7K Thermistor(0-+100° C) 13: 3.3K Thermistor(0-+100° C) 14: 3K Thermistor(0-+100° C) 15: 2.7K Thermistor(0-+100° C) 16: 2.25K Thermistor(0-+100° C) 17: 2.1K Thermistor(0-+100° C) 18: 2K Thermistor(0-+100° C) 19: 1.5K Thermistor(0-+100° C) 20: 1K Thermistor(0-+100° C)
40097-40104	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -100-+1800:-100-+1800° C
40113-40120	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -148-+3272:-148-+3272° F
40129-40136	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1000-+18000:-100.0-+1800.0° C
40145-40152	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1480-+32720:-148.0-+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	0-127 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: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 PROTOCOL	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-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% ofFSR
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 PROTOCOL	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.yottacontrol.com

記憶體表格

遠程模組

A-1x 系列

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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	0-1 Burn-out Signal	R	R	1:Burn-out (4-20mA 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	0-20000:0/4-20mA
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 $\alpha = 0.00385$ 1:PT-100 $\alpha = 0.003916$ 2:PT-1000 $\alpha = 0.00385$ 3:PT-1000 $\alpha = 0.003916$
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	0x18 0x12
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	0-63 Analog 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 PROTOCOL	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.yottacontrol.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	0-7 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
40001-40008	0-7 Current Input Value	R	R	0-20000:0-20mA/4-20mA 0-19000:-100-+1800° C
40065-40072	0-7 Input Type Code	R	R/W	0: 4-20mA 1: 0-20mA 2: J0-760° C 3: K(0-1.370° C) 4: T(-100-400° C) 5: E(0-1,000° C) 6: R(500-1.750° C) 7: S(500-1.750° C) 8: B(500-1.800° C) 9: 10K-2 Thermistor(0-+100° C) 10: 10K-3 Thermistor(0-+100° C) 11: 6.8K Thermistor(0-+100° C) 12: 4.7K Thermistor(0-+100° C) 13: 3.3K Thermistor(0-+100° C) 14: 3K Thermistor(0-+100° C) 15: 2.7K Thermistor(0-+100° C) 16: 2.25K Thermistor(0-+100° C) 17: 2.1K Thermistor(0-+100° C) 18: 2K Thermistor(0-+100° C) 19: 1.5K Thermistor(0-+100° C) 20: 1K Thermistor(0-+100° C)
40097-40104	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -100-+1800:100-+1800° C
40113-40120	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -148-+3272:-148-+3272° F
40129-40136	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1000-+18000:100.0-+1800.0° C
40145-40152	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1480-+32720:148.0-+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	0-63 Analog 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 PROTOCOL	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.yottacontrol.com

記憶體表格

遠程模組

A-1x 系列

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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.yottacontrol.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	0-1 Burn-out Signal	R	R	1:Burn-out (4-20mA 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	0-20000:0/4-20mA
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	0-4000:0/4-20mA
40065-40066	Power On Analog Output Value A00	R	R/W	0-4000:0/4-20mA
40067-40068	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 $\alpha=0.00385$ 1:PT-100 $\alpha=0.003916$ 2:PT-1000 $\alpha=0.00385$ 3:PT-1000 $\alpha=0.003916$
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	0x10 0x12
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			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	0-127 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0-65535

For more information, please refer to
www.yottacontrol.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	0-7 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
40001-40008	0-7 Current Input Value	R	R	0-20000:0-20mA/4-20mA 0-19000:100~+1800° C
40065-40072	0-7 Input Type Code	R	R/W	0: 4-20mA 1: 0-20mA 2: J(0-760° C) 3: K(0-1,370° C) 4: T(-100-400° C) 5: E(0-1,000° C) 6: R(500-1,750° C) 7: S(500-1,750° C) 8: B(500-1,800° C) 9: 10K-2 Thermistor(0~+100° C) 10: 10K-3 Thermistor(0~+100° C) 11: 6.8K Thermistor(0~+100° C) 12: 4.7K Thermistor(0~+100° C) 13: 3.3K Thermistor(0~+100° C) 14: 3K Thermistor(0~+100° C) 15: 2.7K Thermistor(0~+100° C) 16: 2.25K Thermistor(0~+100° C) 17: 2.1K Thermistor(0~+100° C) 18: 2K Thermistor(0~+100° C) 19: 1.5K Thermistor(0~+100° C) 20: 1K Thermistor(0~+100° C)
40097-40104	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -100~+1800-100~+1800° C
40113-40120	0-7 Current Input Value	R	R	4/0-20:4/0-20mA -148~+3272-148~+3272° F
40129-40136	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1000~+18000:100.0~+1800.0° C
40145-40152	0-7 Current Input Value	R	R	40/0-200:4.0/0-20.0mA -1480~+32720-148.0~+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	0-127 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0-65535

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

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 temperature (° 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 www.yottacontrol.com

