

①	CAN-H
②	CAN-L
③	CAN-HB
④	CAN-LB
⑤	+12V →
⑥	GND
⑦	3-0 [232-RX]
⑧	3-1 [232-TX]
⑨	3-2 [INT0]
⑩	3-3 [INT1]
⑪	3-4
⑫	3-5
⑬	3-6
⑭	3-7
⑮	2-0 [SCL]
⑯	2-1 [SDA]
⑰	5V ←

0-0	⑱	①	IN-1
0-1	⑲	②	IN-2
0-2	⑳	③	IN-3
0-3	㉑	④	IN-4
0-4	㉒	⑤	IN-5
0-5	㉓	⑥	IN-6
0-6	㉔	⑦	12V →
0-7	㉕	⑧	GND
[Buz.]	1-0	⑨	
	1-1	⑩	
	1-2	⑪	
	1-3	⑫	
	2-2	⑬	
	2-3	⑭	
	2-4	⑮	
	2-5	⑯	
	2-6	⑰	
	2-7	⑱	

HAP-6x Relais-3.1			
Address: _____ UID: _____			
Relais-1 ←	⑱	①	IN-1
Relais-1 →	⑲	②	IN-2
	⑳	③	IN-3
Relais-2 ←	㉑	④	IN-4
Relais-2 →	㉒	⑤	IN-5
	㉓	⑥	GND
Relais-3 ←	㉔	⑦	GND
Relais-3 →	㉕	⑧	GND
	⑲	⑨	
	㉑	⑩	
Relais-4 ←	㉒	⑪	
Relais-4 →	㉓	⑫	
	⑳	⑬	
Relais-5 ←	㉑	⑭	
Relais-5 →	㉒	⑮	
	㉓	⑯	
Relais-6 ←	㉔	⑰	
Relais-6 →	㉕	⑱	

HAP-5x Dimmer-3.0			
Address: _____ UID: _____			
Dim-1 ←	⑱	①	IN-1
Dim-1 →	⑲	②	IN-2
	⑳	③	IN-3
Dim-2 ←	㉑	④	IN-4
Dim-2 →	㉒	⑤	IN-5
	㉓	⑥	GND
Dim-3 ←	㉔	⑦	GND
Dim-3 →	㉕	⑧	GND
	⑲	⑨	
	㉑	⑩	
Dim-4 ←	㉒	⑪	
Dim-4 →	㉓	⑫	
	⑳	⑬	
Dim-5 ←	㉑	⑭	
Dim-5 →	㉒	⑮	
	㉓	⑯	
	㉔	⑰	
	㉕	⑱	

HAP-5x MosFet-3.0			
Address: _____ UID: _____			
Dim-1 ←	⑱	①	IN-1
Dim-1 →	⑲	②	IN-2
	⑳	③	IN-3
Dim-2 ←	㉑	④	IN-4
Dim-2 →	㉒	⑤	IN-5
	㉓	⑥	GND
Dim-3 ←	㉔	⑦	GND
Dim-3 →	㉕	⑧	GND
	⑲	⑨	
	㉑	⑩	
Dim-4 ←	㉒	⑪	
Dim-4 →	㉓	⑫	
	⑳	⑬	
Dim-5 ←	㉑	⑭	
Dim-5 →	㉒	⑮	
	㉓	⑯	
	㉔	⑰	
	㉕	⑱	

Dim-1 ←	⑱	①	IN-1
Dim-1 →	⑲	②	IN-2
	⑳	③	IN-3
Dim-2 ←	㉑	④	IN-4
Dim-2 →	㉒	⑤	IN-5
	㉓	⑥	GND
Dim-3 ←	㉔	⑦	GND
Dim-3 →	㉕	⑧	GND
	⑲	⑨	
	㉑	⑩	
Dim-4 ←	㉒	⑪	
Dim-4 →	㉓	⑫	
	⑳	⑬	
Dim-5 ←	㉑	⑭	
Dim-5 →	㉒	⑮	
	㉓	⑯	
	㉔	⑰	
	㉕	⑱	

①	IN-Motor 1
②	IN-Motor 1
③	IN-Motor 2
④	IN-Motor 2
⑤	IN-Motor 3
⑥	IN-Motor 3
⑦	IN-Motor 4
⑧	IN-Motor 4
⑩	GND
⑪	+12V →

HAP-4x Polwender 1.0	
Address: _____ UID: _____	
Motor 1 ←	⑱
Vin 1 ←	⑲
Motor 1 ←	⑳
Motor 2 ←	㉒
Vin 2 ←	㉓
Motor 2 ←	㉔
Motor 3 ←	㉕
Vin 3 ←	⑲
Motor 3 ←	㉑
Motor 4 ←	㉓
Vin 4 ←	㉔
Motor 4 ←	㉕