

MV820E

MV820E

1
1.1



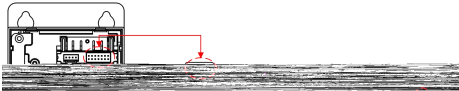
1.2

2.1.2 /

MV820E

/

3



3

2.1.3

1

PG

1

2

4-c

3

PG

PG

PG

PG

4-d

4

4-e f

4-a

4-b



IO	DI1 DI3	P41.00 P41.02 NPN/PNP P41.03 9 30V (24VDC) 24VDC MV820E 4.2.2.4
	R01 R02	P41.13 P41.14 R01 TA1/TB1 TA1/TC1 3A/AC250V 3A/DC30V R02 TA2/TC2 3A/AC250V 3A/DC30V MV820E 4.2.2.6
	24V GND	+24VDC $\pm 5\% < 200\text{mA}$

2.3 MV820E-PG-P ABZ

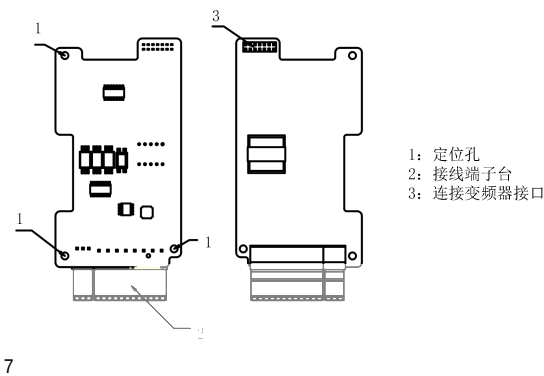
MV820E PG

MV820E 4.2.2.7

2.3.1

MV820E-PG-P MV820E ABZ

2.3.2



2.3.3

MV820E-PG-P

3 PG-P

	A+,A-	A	A	≤ 250kHz
	B+,B-	B	B	
	Z+,Z-	Z	Z	
	VCC,GND		P04.04 5V 12V GND	+5V/12V 200mA/150mA

4

	OUTA	A	NPN OC
	OUTB	B	
	GND		/

2.4 MV820E-PG-S

MV820E

MV820E

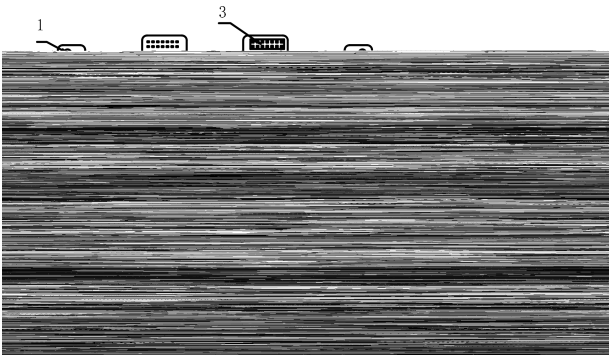
4.2.2.7

2.4.1

MV820E-PG-S

MV820E

2.4.2

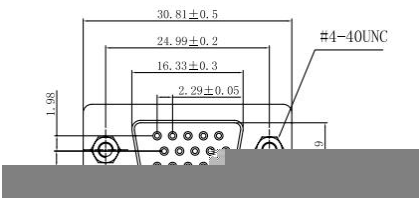


9

2.4.3

MV820E-PG-S

DB15



10 MV820E-PG-S DB15

MV820E-PG-S DB15

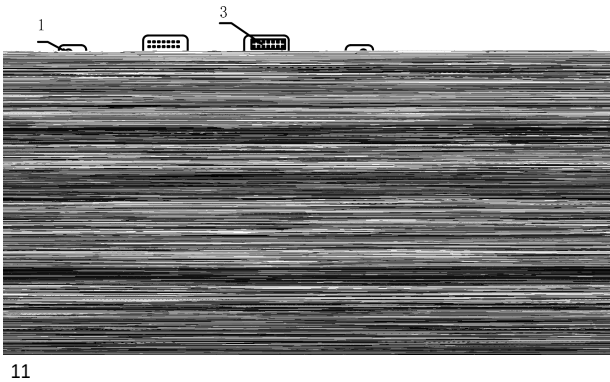
5 PG-S

9	VCC		/
7	GND		/
5	A+	A+	/
6	A-	A-	/
8	B+	B+	/
1	B-	B-	/
10	C+	C+	/
11	C-	C-	/
12	D+	D+	/
13	D-	D-	/
3	R+	R+	/
4	R-	R-	/

6

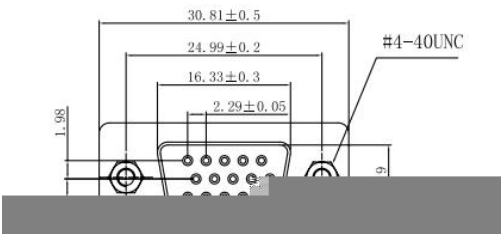
	OUTA	A	NPN OC
	OUTB	B	/
	GND		/

2.5.2



2.5.3

MV820E-PG-F DB15



12 MV820E-PG-F DB15

MV820E-PG-F DB15

7 PG-F

9	VCC		/
7	GND		
5	A+	A+	/
6	A-	A-	/
8	B+	B+	/
1	B-	B-	/
10	CLK+	C+	/
11	CLK-	C-	/
12	DATA+	D+	/
13	DATA-	D-	/

8

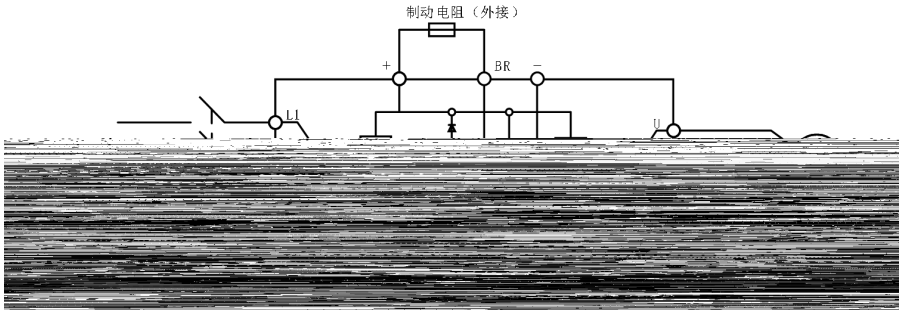
	OUTA	A	NPN OC
	OUTB	B	
	GND		/



4

4.1

4.2



GND	0V
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1	3	5	7	9	11	13	15	17				
2	4	6	8	10	12	14	16	18		RA	RB	RC



1				485							
				GND					RS485		
3		RS485		485							
				GND							
2/9	+24V					24V				200mA	
18	+10V					+10V				10mA	
14/17	+24V	+10V			24		2				

				<table><tr><td>...</td><td>...</td><td>...</td></tr></table>	...	...	...									
...	...	...														
	6	DI3		D13 D14												
	8	DI4														
	7	DI5		P09.01 DI5 PT1000												
	10	DI6 HDI		P09.01 DI6 HDI 0 50kHz												
	12	DI7		DI7												
	16	AI1		P09.01 DI8 AI1												
	4	Y1/DO1 /HD01														
	5	Y2/DO2 /HD02	4 5 4 5 6 8 7 10 12 16 DO/HD0 P09.00 P09.02 GND	<table><tr><td>P09.00</td><td>5</td><td>4</td></tr><tr><td>0x21</td><td>HD02</td><td>DO1</td></tr><tr><td>0x22</td><td>HD02</td><td>HD01</td></tr><tr><td>...</td><td>...</td><td>...</td></tr></table> 30V 50mA	P09.00	5	4	0x21	HD02	DO1	0x22	HD02	HD01	...	...	...
P09.00	5	4														
0x21	HD02	DO1														
0x22	HD02	HD01														
...	...	...														
	11	DO3	P09.02 GND	DO3 P09.02 50mA P09.02 A01 A01												
R01	RA		P10.03	RA-RB RA-RC												
	RB															
	RC			AC250V/3A DC30V/3A P10												
				II												

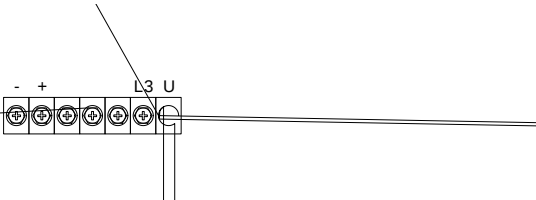
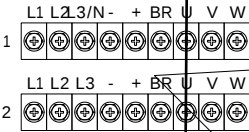


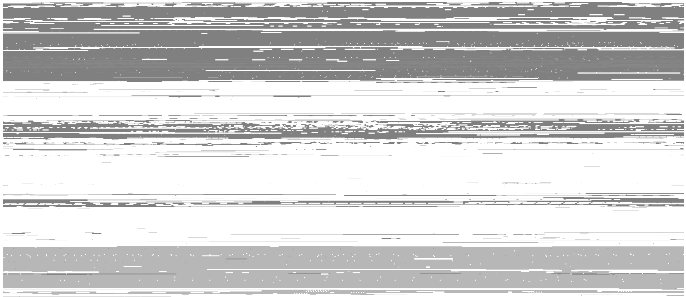
(1) IO DI DO HDI HDO AI AO

(2) DI /DO “ ▷ ”

6

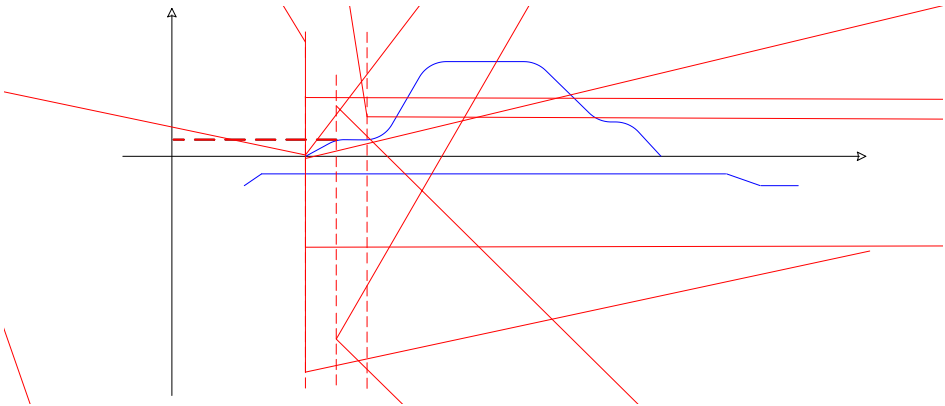
- 1: B(: 2S0.4 1.5)
B(: 4T0.75 2.2)
- 2: C(: 4T3.7/5.5)
D(: 2T3.7/5.5; 4T7.5/11)
- 3: E(: 4T15/18.5)
- 4: F(: 4T22/30)
- 5: G : 4T37/45/55
- 6: H : 4T75





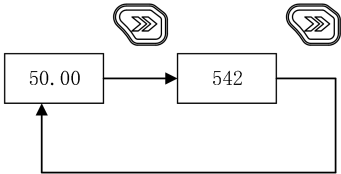
P09.03	1	1	
P09.04	2	2	
P09.05	3	6	1
P09.06	4	7	2
P09.07	5	71	
P09.08	6	72	INS
P10.00	1	18	
P10.01	2	1	
P10.02	3	12	
P13.01	0	0	0
P13.02	1	6	
P13.03	2	100	
P13.04	3	20	
P28.00		3	

P28.06 P28.13





P16.03=0x03 P16.04=0



9

-
- ×

P02.01	3						
	0	1				0	×
	1	2					
P02.02	0						
	1				0	×	
	2						
P02.03	0	Modbus					
	1	Profibus	/CANopen	/Devicenet			
	2						
P02.04	3	EtherCAT	/Profinet				
	4	5					
		1	2	3	4	5	
P02.04	0						
	1						

P03.04			0.01Hz P02.10	50.00Hz	×
P03.05			1 36000rpm		×
			0		
P03.27			1	0	×
			2		
			3		
P04.00			1 65535	1024	×
P04.01			0 ABZ	0	×
			0		
P04.02	ABZ	AB	1	0	×
P04.03					
			0 5V		
P04.04	PG		1 12V	0	×
P05.00		1	1 100	10	○
P05.01		1	0.01 10.00s	0.50s	○
P05.03		2	1 100	10	

P09.00	4 5 6 8	0 4 DI1 1 4 D01 2 4 HD01 0 5 DI2 1 5 D02 2 5 HD02 6 DI3 8 DI4	0	○
P09.01	7 10 12 16	0 7 DI5 1 7 0 10 DI6 1 10 HD1 0 16 DI8 1 16 AI1 2 16 AI1 12 DI7	0	○
P09.02	13 11	0 13 AI2 1 13 AI2 0 11 D03 1 11 A01 2 11 A01	0	○
P09.03	1	0 79	1	○
P09.04	2	0	3	○
P09.05	3	1 FWD	22	○
P09.06	4	2 REV	0	○
P09.07	5	3	0	○
P09.08	6	4	0	○
P09.09	7	5	0	○
P09.10	8	6 1 7 2 8 3 9 4 16	0	○

		17 73 UPS 74 75 76 OH 77 UPF 78 DNF 79 OSG		
P09.11		0 0V 1 24V	1	○
P09.12	1 4	0 D11 1 D11 0 D12 1 D12 0 D13 1 D13 0 D14 1 D14	0	○
P09.13	5 8	0 D15 1 D15 0 D16 1 D16 0 D17 1 D17 0 D18 1 D18	0	○
P10.00	1	0 50	1	○
P10.01	2	0	4	○
P10.02	3	1	0	○
P10.03	R01	2 3 4 (FAR) 5 (FDT1) 6 (FDT2) 7 (OL) 8 (LU) 9 (EXT)	18	○

		10 (FHL) 11 (FLL) 12 20 48 49 50		
P15.00		0 Modbus 1 485 0 1-8-2-N 1 1-8-1-E 2 1-8-1-0 3 1-8-1-N	0x30	○
P15.01		0 4800BPS 1 9600BPS 2 19200BPS 3 38400BPS 4 57600BPS 5 115200BPS 6 125000BPS	1	○
P15.02		0 247 0	1	○
P97.32		0 1 59	0	*
P97.33	1	0 1 59	0	*
P97.34	2	0 1 59	0	*



1

2

0

10

OC1	1			
				P08.00
			PG	
			V/F	V/F
OC2	2			

			PG	
OC3	3			
			PG	
OV1	4			
				P08.00
OV2	5			
OV3	6		ASR	P05 ASR
Uv	7		350VDC	
SPI	8		R.S.T	
SPO	9		U.V.W	
drv	10			
OH1	11			

OH2	12			
OL1	13			
				P08.00
OL2	14		V/F	V/F
EF	15		STOP	P00.04 STOP
EEP	16	EEPROM		STOP/RESET
CE	17			
				STOP/RESET
				P15.03
ItE	19			
bCE	46			
Err56	56			
Err57	57		2s	

Err58	58			
Err59	59			

18

24

1

2

3

4

5

1

2

3

4

5

1

400-666-2163

2

<https://www.megmeet.com/>

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