

MV800 PROFINET

R33011095

V00

1

1.1



1.2

MV810-PNET02

MV800

1.2.1

- 1 PZD
- 2 PKW
- 3 100Mbps
- 4
- 5 PZD

PZD



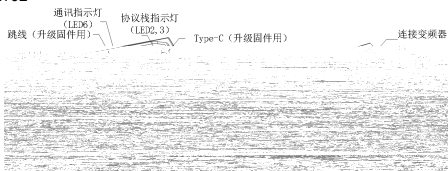
1.2.2

PROFINET		RJ45
		CAT6
		500VDC
		MV810-PNET02
	GSDML	GSDML-V2.32-MEGMEET-MV800-20230830.xml
		100Mbps
		3.3VDC
		500VDC
		1W
		25g
		ESD(IEC 61800-5-1, IEC 6100-4-2) EFT(IEC 61800-5-1, IEC 6100-4-4) Surge Test(IEC 61800-5-1, IEC 6100-4-5) Conducted Susceptibility Test(IEC 61800-5-1, IEC6100-4-6)
	/	-10 50 90%
		-25 70 95%
	/	IEC61131-2, IEC68-2-6(TEST FC)/IEC61131-2&IEC 68-2-27(TEST Ea)

1.3

1.3.1

MV810-PNET02



1

RJ45

1.3.2

MV810-PNET02

PROFINET

1	TX+	Transmit Data+(+)
2	TX-	Transmit Data-(-)
3	RX+	Receive Data+(+)
4	N/C	



5	N/C	
6	RX-	Receive Data-(-)
7	N/C	
8	N/C	

1.3.3 LED

MV810-PNET02 3 LED
POWER LED6

LED4 5 PCB LED1
2 3 LED LED

LED1 LED6 :

LED			
LED1		PN	
		PN	PN
LED6		PN	PN
		PN	

LED			
LED2		PROFINET	/
		/	PROFINET
LED3		TPS-1	
		TPS-1	CPU
		TPS-1	
LED4		PROFINET	
		PROFINET	
LED5			PROFINET IO
		PROFINET IO	PROFINET IO

LED

LED		

2

2.1

MV810-PNET02	75*60*24mm	
	A4*1	

2.2

MV810-PNET02

2.2.1 PN

MV810

PN

2

B

2.2.2 PN

MV810

PN

3

2.2.3 PN

PN

1

4 a

2

4 b

3

PN

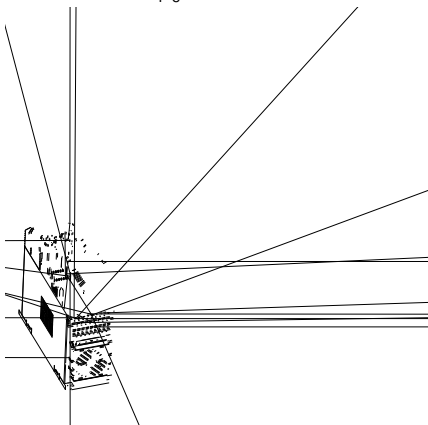
PN

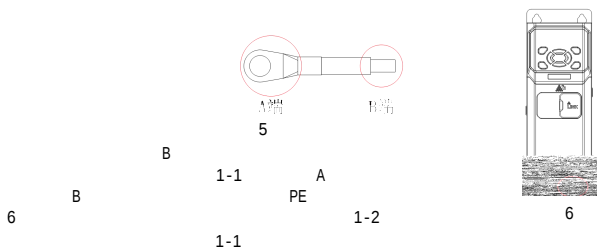
4 c

4 d

4

4 e





					± 10%
MV810-PNET02	M2.0	0.5 1.5mm ² / 28 16AWG	5 6mm		2kg-cm/(1.7lb-in) / (0.2N*m)

1-2

		± 10%
B	M3	7kg-cm/(6.08lb-in) / (0.68Nm)
C	M4	15kg-cm/(13.0lb-in) / (1.47Nm)
D		

3 PN

MV810-PNET02

PN

	Byte0	PN	PN	485	485
	Byte1	Byte0	485	PN	P15.02
		Byte1	485	Byte1	
PKW1	Byte2	0x03	0x06	EEPROM	
		0x07	EEPROM	Byte3	
	Byte3	Byte2	0		
		Byte3	0x03	0x06	0x07
			0x80+		
PKW2	Byte4	Byte4		Byte5	
	Byte5	Byte4		Byte5	
PKW3	Byte6	PKW3			1

		Byte6	Byte7			
	Byte7	Byte6	0			
		Byte7	0			
PZD1	Byte8	Bit0	0	1		
		Bit1	0	1		
		Bit2	0	1		
		Bit3	0	1		
		Bit4	0	1		
		Bit5	0	1		
	Byte9	Bit6	0	1		
		Bit7	0	1		
		Byte8				
		Byte9				
		Bit0	0	1		
		Bit1	0	1		
		Bit2	0	1		
		Bit3	0	1		
		Bit4	0	1		
		Bit5	0	1		
		Bit6	0	1	1	2
		Bit7	0	1		
		Bit8	0	1		
		Bit9	Bit10	0	1	2
		Byte8				
		Byte9				
PZD2	Byte10	PZD2 PZD12 11				
	Byte11	P43.02 P43.23 P43.02 P43.12				
PZD3	Byte12	P43.13 P43.23				
	Byte13	P43.02	PZD2	0		
PZD4	Byte14	P43.03	PZD3	1	0.00	P02.10
	2			0.0	300.0%	
PZD5	Byte16	P43.04	PZD4	3		
	4			0.0	300.0%	
PZD6	Byte18	P43.05	PZD5	5	-300.0	300.0%
	6			0.00	P02.10	
PZD7	Byte20	P43.06	PZD6	7	0.00	P02.10
	8			VF	0	1000
PZD8	Byte22	P43.07	PZD7	9	0	0xFF
	10			D18	D11	
PZD9	Byte24	P43.08	PZD8	11	39	0
	12			0xF	R0	
PZD10	Byte26	P43.09	PZD9	13	D03	D02
	14			D01		

PZD11	Byte28	P43.10	PZD10	10	A01	0	100.0%	
	Byte29			11	HD01	0	100.0%	
PZD12	Byte30	P43.11	PZD11	12	HD02	0	100.0%	
				13	PID	0.0	100.0%	
		P43.12	PZD12	14	PID	0.0	100.0%	
				15	30			
	Byte31	P43.13	PZD2	0				
				1		0.01Hz		
				2		0.01Hz		
		P43.14	PZD3	3		0.01Hz		
				4		1V		
		P43.15	PZD4	5		0.1A		
				6		0.1V		
		P43.16	PZD5	7		0.1%		
				8		0.1%		
				9		0.1A		
		P43.17	PZD6	10		0.1A		
				11		0	0xFFFF	
		P43.18	PZD7	12		0	46	
				13	DI1	DI4	0	0xFFFF
				14	DI5	DI8		
		P43.19	PZD8	15			0	0xF
				16	AI1		0	10.00V
		P43.20	PZD9	17	AI2		-10.00V	10.00V
				18	HD1		0	50.000kHz
		P43.21	PZD10	19	AO	0	100.0%	
				20	HD01	0	50.000kHz	
				21	HD02	0	50.000kHz	
		P43.22	PZD11	22	PID		-100.0%	100.0%
				23	PID		-100.0%	100.0%
				24	PID		-100.0%	100.0%
		P43.23	PZD12	25	PID		-100.0%	100.0%
						26	30	
			Byte10		Byte11		Byte	

4 PN

PN

PN

PN

PN

P02.02=2

P02.03=3 PN

P02.05=8

PN

P15.00 =0 PN 485

P40.01=3.0s

P43.01=1 0

1 1

P43.02 P43.12

P43.13 P43.23

PN 485 PN

PN

485

33bytes

485

1 485
P02.02=2
P02.05=8 PN
P15.02 485 P02.03=3 PN
P40.01=3.0s P15.00 =1 PN 485
P43.01=1 P40.00=1 PN 485
P43.02 P43.12
P43.13 P43.23
2 485
P02.02=2 P02.03=3 PN
P02.05=8 PN P15.00 =1 PN 485
P15.02 485 P40.00=0 PN 485
P40.01=3.0s
P43.01=1 P43.02 P43.12
P43.13 P43.23
PN-485 200k
50ms PN 5ms

5

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