

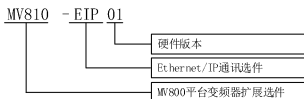
# MV800 Ethernet/IP

R33011273

V00

## 1

### 1.1



### 1.2

MV810-EIP01

MV800

#### 1.2.1

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

#### 1.2.2

|     |     |                                                                                                                                                                                |
|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EIP |     | RJ45                                                                                                                                                                           |
|     |     |                                                                                                                                                                                |
|     |     | CAT5                                                                                                                                                                           |
|     |     | 500VDC                                                                                                                                                                         |
|     |     | EIP                                                                                                                                                                            |
|     |     | 100BASE-TX (IEEE802.3)                                                                                                                                                         |
|     |     | 100M                                                                                                                                                                           |
|     |     | 100Mbps Auto-Defect                                                                                                                                                            |
|     |     | MV810-EIP01                                                                                                                                                                    |
|     | EDS | MEGMEET_MV800_EthernetIP_V1.01.EDS                                                                                                                                             |
|     |     | 3.3VDC                                                                                                                                                                         |
|     |     | 500VDC                                                                                                                                                                         |
|     |     | 1W                                                                                                                                                                             |
|     |     | 25g                                                                                                                                                                            |
|     |     | ESD(IEC 61800-5-1, IEC 6100-4-2)<br>EFT(IEC 61800-5-1, IEC 6100-4-4)<br>Surge Test(IEC 61800-5-1, IEC 6100-4-5)<br>Conducted Susceptibility<br>Test(IEC61800-5-1, IEC6100-4-6) |
|     | /   | -10 50 90%                                                                                                                                                                     |

|  |   |                                                              |
|--|---|--------------------------------------------------------------|
|  |   | -45 70 95%                                                   |
|  | / | GB4798.3-2007 GB12668.501—<br>2013/IEC61800-5-1 IEC60068-2-6 |

## 1.3

### 1.3.1

MV810-EIP01

1

1  
RJ45

### 1.3.2

EIP

RJ45

2

RJ45

2

MV810-EIP01

| 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 |                    |



2

### 1.3.3

EIP

MV810-EIP01

MV800

MV800

|        | /     |             |
|--------|-------|-------------|
| P02.02 | 2     |             |
| P02.03 | 3     | Ethernet/IP |
| P02.05 | 8     | Ethernet/IP |
| IP     | (IP)  |             |
|        | /     |             |
| P40.02 | 0 255 | IP 1        |

|        |       |      |
|--------|-------|------|
| P40.03 | 0 255 | IP 2 |
| P40.04 | 0 255 | IP 3 |
| P40.05 | 0 255 | IP 4 |
| P40.06 | 0 255 | 1    |
| P40.07 | 0 255 | 2    |
| P40.08 | 0 255 | 3    |
| P40.09 | 0 255 | 4    |
| P40.10 | 0 255 | 1    |
| P40.11 | 0 255 | 2    |
| P40.12 | 0 255 | 3    |
| P40.13 | 0 255 | 4    |

## 1.3.4

EIP



## 2

### 2.1

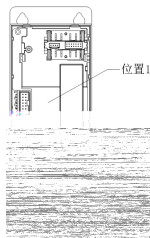
|             |            |  |
|-------------|------------|--|
|             |            |  |
| MV810-EIP01 | 75*60*24mm |  |
|             | A4*1       |  |

### 2.2

MV810-EIP01

#### 2.2.1 EIP

MV800 /  
 3 1 2 B  
 1 PG  
 ECAT EIP 2 PN  
 I/O



## 2.2.2 EIP

MV810

EIP

4



## 2.2.3 EIP

EIP

1

5-a

2

5-b

3

EIP

2

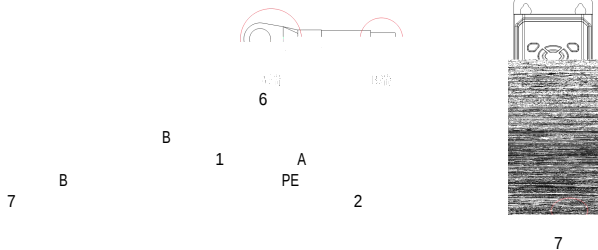
5-c

5-d

4

5-e





|             |      |           |                               |       | $\pm 10\%$                         |
|-------------|------|-----------|-------------------------------|-------|------------------------------------|
| MV810-EIP01 | M2.0 | 0.5<br>28 | 1.5mm <sup>2</sup> /<br>16AWG | 5 6mm | 2kg-cm / (1.7lb. in) /<br>(0.2N*m) |

|   |    | $\pm 10\%$                        |
|---|----|-----------------------------------|
| B | M3 | 7kg-cm / (6.08lb-in) / (0.68Nm)   |
| C | M4 | 15kg-cm / (13.01lb-in) / (1.47Nm) |
| D |    |                                   |

### 3 EIP

PLC

EIP

PKW/PZD

| PKW0 | Byte0 | Byte0<br>Byte1                              |
|------|-------|---------------------------------------------|
|      | Byte1 | Byte0<br>Byte1                              |
| PKW1 | Byte2 | 0x03<br>0x06<br>0x07<br>Byte2               |
|      | Byte3 | Byte2 0<br>Byte3 0x03<br>0x06 0x07<br>0x80+ |
| PKW2 | Byte4 |                                             |

|       |       |       |       |   |   |
|-------|-------|-------|-------|---|---|
|       | Byte4 |       | Byte5 |   |   |
|       | Byte5 | Byte4 | Byte5 |   |   |
|       |       | PKW3  |       |   |   |
|       | Byte6 | 1     |       |   |   |
|       | Byte6 |       | Byte7 |   |   |
| PKW3  | Byte6 |       |       |   | 0 |
|       | Byte7 |       |       |   | 0 |
|       | Byte7 |       |       |   |   |
|       | Bit0  | 0     | 1     |   |   |
|       | Bit1  | 0     | 1     |   |   |
| Byte8 | Bit2  | 0     | 1     |   |   |
|       | Bit3  | 0     | 1     | ! | @ |
|       | Bit4  | 0     | 1     |   |   |
|       | Bit5  | 0     | 1     |   |   |
|       | Bit6  | 0     | 1     |   |   |
|       | Bit7  | 0     | 1     |   |   |
|       | Byte8 |       |       |   |   |
|       | Byte9 |       |       |   |   |
| PZD1  | 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 | /     |   |   |

|        |        |        |       |                    |                |
|--------|--------|--------|-------|--------------------|----------------|
|        | Byte21 | P43.06 | PZD6  | 5                  |                |
| PZD8   | Byte22 |        |       |                    | 0.00 P02.10    |
|        | Byte23 | P43.07 | PZD7  | 6                  |                |
| PZD9   | Byte24 |        |       |                    | 0.00 P02.10    |
|        | Byte25 | P43.08 | PZD8  | 7                  | VF 0 1000      |
| PZD10  | Byte26 |        |       | 8                  |                |
|        | Byte27 | P43.09 | PZD9  |                    | 0 0xFF DI8 DI1 |
| PZD11  | Byte28 |        |       | 9                  |                |
|        | Byte29 | P43.10 | PZD10 |                    | 39 0 0xF       |
| PZD12  | Byte30 | P43.11 | PZD11 |                    | RO D03 D02 D01 |
|        |        |        |       | 10                 | A01 0 100.0%   |
|        | P43.12 | PZD12  | 11    | HD01 0 100.0%      |                |
|        |        |        | 12    | HD02 0 100.0%      |                |
|        |        |        | 13    | PID 0.0 100.0%     |                |
|        |        |        | 14    | PID 0.0 100.0%     |                |
|        |        |        | 15    | 30                 |                |
|        | P43.13 | PZD2   | 0     |                    |                |
|        |        |        | 1     | 0.01Hz             |                |
|        | P43.14 | PZD3   | 2     | 0.01Hz             |                |
|        |        |        | 3     | 0.01Hz             |                |
|        | P43.15 | PZD4   | 4     | 1V                 |                |
|        |        |        | 5     | 0.1A               |                |
|        |        |        | 6     | 0.1V               |                |
|        | P43.16 | PZD5   | 7     | 0.1%               |                |
|        |        |        | 8     | 0.1%               |                |
|        | P43.17 | PZD6   | 9     | 0.1A               |                |
|        |        |        | 10    | 0.1A               |                |
|        | P43.18 | PZD7   | 11    | 0 0xFFFF           |                |
|        |        |        | 12    | 0 46               |                |
|        | P43.19 | PZD8   | 13    | DI1 DI4 0 0xFFFF   |                |
|        |        |        | 14    | DI5 DI8            |                |
|        |        |        | 15    | 0 0xF              |                |
|        | P43.20 | PZD9   | 16    | AI1 0 10.00V       |                |
|        |        |        | 17    | AI2 -10.00V 10.00V |                |
|        | P43.21 | PZD10  | 18    | HD1 0 50.000kHz    |                |
|        |        |        | 19    | AO 0 100.0%        |                |
|        | P43.22 | PZD11  | 20    | HD01 0 50.000kHz   |                |
|        |        |        | 21    | HD02 0 50.000kHz   |                |
|        | P43.23 | PZD12  | 22    | PID -100.0% 100.0% |                |
|        |        |        | 23    | PID -100.0% 100.0% |                |
|        |        |        | 24    | PID -100.0% 100.0% |                |
|        |        |        | 25    | PID -100.0% 100.0% |                |
|        |        |        | 26    | 30                 |                |
|        |        |        |       |                    |                |
| Byte10 |        | Byte11 |       |                    |                |
| Byte   |        |        |       |                    |                |

4

4.1 LED

MV810-EIP01 LED 1 PCBA LED LED MV810-EIP01  
PCBA LED LED

PCBA LED :

| LED4 |  |     |
|------|--|-----|
|      |  |     |
|      |  | EIP |

LED :

| LED |  |  |
|-----|--|--|
|     |  |  |
|     |  |  |
|     |  |  |
|     |  |  |

5

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