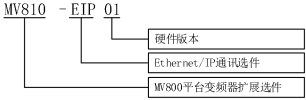


MV800 Ethernet/IP通讯选件用户手册

编码： R33011273
版本： V02

1 产品介绍

1.1 命名规则



1.2 功能介绍

MV810-EIP01 通讯选件是 MV800 平台变频器的扩展选件，其功能如下：

1.2.1 功能特色

- (1) 支持 PZD 控制数据交换
- (2) 支持 PKW 访问变频器参数
- (3) 支持 100Mbps 全双工
- (4) 支持线型网络拓扑和星型网络拓扑

1.2.2 功能规格

EIP 通讯连接器	接头	两个 RJ45
	传输方式	高速总线
通讯	传输电缆	CAT5 屏蔽双绞网线
	电气隔离	500VDC
	通信标准	EIP
	传输协议	100BASE-TX (IEEE802.3)
	传输距离	100M
环境规格	总线传输速度	100Mbps Auto-Defect
	模块名称	MV810-EIP01
	EDS 文件	MEGMEET_MV800_EthernetIP_V1.01.EDS
电气规格	电源电压	3.3VDC (由变频器提供)
	绝缘电压	500VDC
	电力消耗	1W
环境规格	重量	25g
	噪声免疫力	ESD(IEC 61800-5-1, IEC 61000-4-2)
		EFT(IEC 61800-5-1, IEC 61000-4-4)
		Surge Test(IEC 61800-5-1, IEC 61000-4-5)
	操作/存储环境	操作：-10~50℃（温度），95%（湿度） 存储：-45~70℃（温度），95%（湿度）
环境规格	耐震动/冲击	国际标准规范 GB4798.3-2007, GB12668.501—2013/IEC61800-5-1 (IEC60068-2-6)

1.3 端子说明

1.3.1 功能分布

MV810-EIP01 通讯选件的正面、反面视图如图 1 所示。

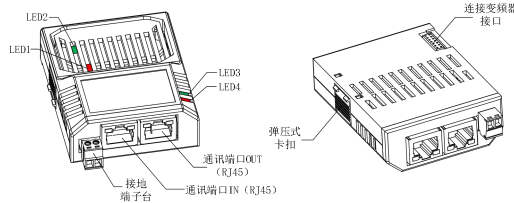


图 1

其端子主要有接地端子、两个 RJ45 接口，以及连接变频器的端口。

1.3.2 管脚定义及信号说明

EIP 采用标准的 RJ45 接口，本通讯选件有 2 个 RJ45 接口，如下图 2。
MV810-EIP01 通讯连接器引脚定义：

引脚号	名称	描述
1	TX+	Transmit Data+(发信号+)
2	TX-	Transmit Data-(发信号-)
3	RX+	Receive Data+(收信号+)
4	N/C	空脚
5	N/C	空脚
6	RX-	Receive Data-(收信号-)
7	N/C	空脚
8	N/C	空脚

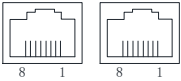


图 2

1.3.3 连接 EIP 网络时的参数设定

在使用 MV810-EIP01 操控 MV800 平台变频器时，需将 MV800 平台变频器的命令来源及频率指令来源设定为总线通信卡，如下表参数所示。

变频器参数	设定值/显示值	功能说明
P02.02	2	设定运行命令为通信控制
P02.03	3	设定通讯运行指令通道为 Ethernet/IP
P02.05	8	设定主频率源为 Ethernet/IP 设定

IP 地址设置 (IP，子网掩码，网关) 设定如下表：

变频器参数	设定值/显示值	功能说明
P40.02	0~255	IP 地址 1
P40.03	0~255	IP 地址 2
P40.04	0~255	IP 地址 3
P40.05	0~255	IP 地址 4
P40.06	0~255	子网掩码 1
P40.07	0~255	子网掩码 2
P40.08	0~255	子网掩码 3
P40.09	0~255	子网掩码 4
P40.10	0~255	网关 1
P40.11	0~255	网关 2
P40.12	0~255	网关 3
P40.13	0~255	网关 4

1.3.4 组网连接

EIP 网络一般由一个主站和多个从站组成，网络连接结构包含总线型、星型、树型等，以及各种拓扑结构的组合，设备连接及布线方便灵活。总线型网络连接拓扑图如下图所示。



2 安装

2.1 附件说明

附件名称	规格	数量
MV810-EIP01 通讯选件（带扩展盒）	75*60*24mm	一张
用户手册	A3*1	一份

2.2 安装方法

MV810-EIP01 通讯选件安装方法介绍包括安装位置、接口说明及安装步骤，如下：

2.2.1 EIP 通讯选件安装位置

MV800 平台变频器配件卡/选件提供两处安装位置，如图 3 位置 1、位置 2（以箱体 B 为例，其他箱体类似），其中安装位置 1 为各类 PG 卡安装位置；安装位置 2 为 PN 总线选件、ECAT 总线选件、EIP 总线选件、扩展 I/O 选件等安装位置。

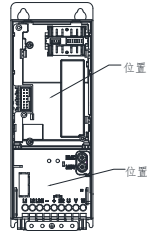


图 3

2.2.2 EIP 通讯选件接口说明

MV810 变频器 EIP 通讯选件电气接口及对应变频器安装接口如图 4 所示。

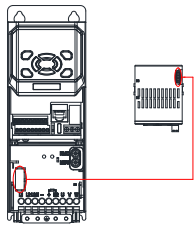


图 4

2.2.3 EIP 通讯选件安装步骤

安装方式：EIP 选件正面安装

- (1) 变频器非上电状态下，按下压盖板中上部颗粒状处，用力向下滑动，取下变频器下盖板，如图 5-a 所示。
- (2) 使用一字螺丝刀撬掉防尘盖，如图 5-b 所示。
- (3) 安装 EIP 选件：将内装总线卡的扩展盒朝上（指示灯朝上），对准安装位置 2 总线电气接口，水平往下按压，使得扩展盒弹压式卡口和变频器下端卡勾咬合，如图 5-c 与图 5-d 所示，再用随机附送的压片固定扩展选件并用螺钉锁紧（仅箱体 B 机型），如图 5-e 所示。
- (4) 完成总线选件组装，如图 5-f 所示。

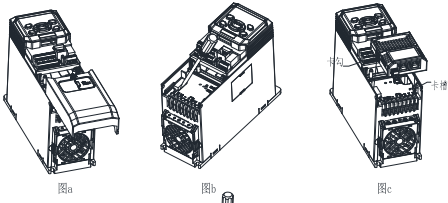


图 5-a

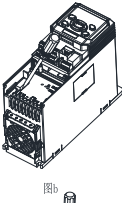


图 5-b

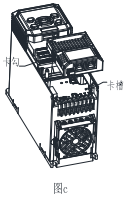


图 5-c



图 5-d

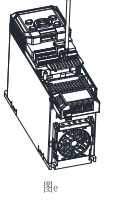


图 5-e

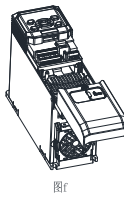


图 5-f

图 5 EIP 通讯选件安装步骤图

(5) 接地安装：配件 MV810-EIP01 在配线时，须做接地安装，接地线材须用户自行准备和压接，如图 6。

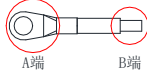


图 6 接线端子示意图

接地方式：接地线 B 端连接至选配件的接地端子台，接地线径及扭力等规格请参考表 1；接地线 A 端连接至变频器（以箱体 B 为例，其他类似）的接地架 PE（接地符号）（如图 7 所指圆圈处），接地螺丝规格及扭力请参考表 2。

表 1 接地线径及扭力规格推荐

配件卡	螺丝规格	线径	剥线长度	扭力（±10%）
MV810-EIP01	M2.0	0.5~1.5mm ² / (28~16AWG)	5~6mm	2kg-cm/ (1.71b.in) / (0.2N*m)

表 2 接地螺丝及扭力规格推荐

箱体	螺丝规格	扭力（±10%）
B	M3	7kg-cm/ (6.081b-in) / (0.68Nm)
C	M4	15kg-cm/ (13.01b-in) / (1.47Nm)
D		

3 EIP 应用

PLC 通过 EIP 协议，实现对变频器的 PKW/PZD 的读写。
数据格式如下表所示。

参数识别	字节号	说明
PKW0	Byte0	本机为 EIP 从站（插 EIP 通讯选件） Byte0：目标站号 Byte1：源站号（本站站号） 从站应答：
	Byte1	Byte0：目标站号； Byte1：源站号（本站站号）
PKW1	Byte2	读写功能码命令（一次只能读写一个） 0x03：读一个 0x06：写一个，存 EEPROM 0x07：写一个，不存 EEPROM Byte2：命令字高字节； Byte3：命令字低字节 从机应答： Byte2：0 Byte3：0x03，应答读操作 0x06 和 0x07，应答写操作 0x80+命令码，错误应答
	Byte3	
	Byte4	需要读写的功能码地址 Byte4：地址高字节； Byte5：地址低字节 从机应答： Byte4：地址高字节； Byte5：地址低字节
PKW2	Byte4	
	Byte5	
PKW3	Byte6	写操作时，PKW3 为写的具体值；读操作时，为读的个数（固定值 1） Byte6：参数值高字节； Byte7：参数值低字节 从机应答：
	Byte7	Byte6：功能码值高字节（读操作应答），0（写操作应答），错误码高字节（错误应答） Byte7：功能码值低字节（读操作应答），0（写操作应答），错误码低字节（错误应答）
PZD1	Byte8	主机下发控制命令字： Bit0：正转运行 0：无效 1：有效 Bit1：反转运行 0：无效 1：有效 Bit2：正转点动 0：无效 1：有效 Bit3：反转点动 0：无效 1：有效 Bit4：减速停机 0：无效 1：有效 Bit5：自由停机 0：无效 1：有效 Bit6：故障复位 0：无效 1：有效 Bit7：紧急停机 0：无效 1：有效 Byte8：命令字高字节 Byte9：命令字低字节 从机应答状态字：
	Byte9	

		Bit0: 正转运行中 0: 无效 1: 有效 Bit1: 反转运行中 0: 无效 1: 有效 Bit2: 停机 0: 无效 1: 有效 Bit3: 故障 0: 无效 1: 有效 Bit4: 掉电 0: 无效 1: 有效 Bit5: 准备状态 0: 无效 1: 有效 Bit6: 电机号 0: 电机 1 1: 电机 2 Bit7: 电机类型 0: 异步 1: 同步 Bit8: 过载预警 0: 无效 1: 有效 Bit9~Bit10: 控制方式 0: 键盘 1: 端子 2: 通讯 Byte8: 状态字高字节 Byte9: 状态字低字节	
PZD2	Byte10	PZD2~PZD12 这 11 个字用来读写变频器内部参数，具体参数可以通过 P43. 02~P43. 23 来设置：（P43. 02~	
PZD3	Byte12	P43. 12 用来设置需要写的参数，P43. 13~P43. 23 用来设置读的参数）	
	Byte13		
PZD4	Byte14	P43. 02	PZD2 接收
	Byte15		
PZD5	Byte16	P43. 03	PZD3 接收
	Byte17		
PZD6	Byte18	P43. 04	PZD4 接收
	Byte19	P43. 05	PZD5 接收
PZD7	Byte20	P43. 06	PZD6 接收
	Byte21		
PZD8	Byte22	P43. 07	PZD7 接收
	Byte23		
PZD9	Byte24	P43. 08	PZD8 接收
	Byte25	P43. 09	PZD9 接收
PZD10	Byte26		
	Byte27	P43. 10	PZD10 接收
PZD11	Byte28		
	Byte29	P43. 11	PZD11 接收
	Byte30		
		P43. 12	PZD12 接收
		P43. 13	PZD2 反馈
		P43. 14	PZD3 反馈
		P43. 15	PZD4 反馈
		P43. 16	PZD5 反馈
		P43. 17	PZD6 反馈
		P43. 18	PZD7 反馈
		P43. 19	PZD8 反馈
		P43. 20	PZD9 反馈
		P43. 21	PZD10 反馈
		P43. 22	PZD11 反馈
	Byte31		PZD12 反馈
		Byte10: 参数高字节; Byte11: 参数低字节 (其余 Byte 类似)	

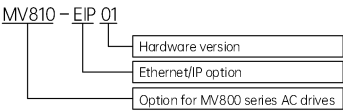
MEGMEET

MV800 Ethernet/IP Communication

Option User Manual

1 Product information

1.1 Designation rule



1.2 Functions and specifications

MV810-EIP01 option provides communication expansion for the MV800 drive series. Its functions and specifications are explained as below.

1.2.1 Key functions

- (1) PZD control of data exchange
- (2) PKW access to drive parameters
- (3) 100 Mbps full duplex
- (4) Linear bus topology and star-type topology

1.2.2 Technical specifications

Ethernet/IP connector	Interface	Two RJ45 ports
	Transmission mode	High-speed bus
	Transmission media	CAT5 shielded twisted pair cable
	Galvanic isolation	500 V DC
Communication	Network standard	EIP
	Transmission protocol	100BASE-TX (IEEE 802.3)
	Transmission distance	100 m
	Bus transmission speed	100 Mbps Auto-Defect
	Module name	MV810-EIP01
	EDS file	MEGMEET_MV800_EthernetIP_V1.01.EDS
Electrical specifications	Power voltage	3.3 V DC (provided by the drive)
	Insulation voltage	500 V DC
	Power consumption	1 W
Environment specifications	Weight	25 g
	Noise immunity	ESD (IEC 61800-5-1, IEC 61000-4-2) EFT (IEC 61800-5-1, IEC 61000-4-4) Surge test (IEC 61800-5-1, IEC 61000-4-5) Conducted susceptibility test (IEC 61800-5-1, IEC 61000-4-6)
	Operating/Storage environment	Operating: -10 to 50°C (temperature), 95% (humidity) Storage: -45 to 70°C (temperature), 95% (humidity)
	Vibration/Shock resistance	GB 4798.3-2007, GB 12668.501-2013 / IEC 61800-5-1 (IEC 60068-2-6)

1.3 Terminal description

1.3.1 Layout

The front and back views of MV810-EIP01 are illustrated in Fig. 1.

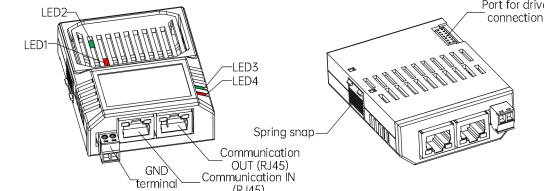


Fig. 1

The terminals of this option include the GND, two RJ45 ports, and the port for drive connection.

1.3.2 Interface description

EIP communication adopts the standard RJ45 port. This option provides two RJ45 ports as illustrated in Fig. 2.

The pin definitions of the MV810-EIP01 connector are listed below:

Pin	Name	Description
1	TX+	Transmit Data+
2	TX-	Transmit Data-
3	RX+	Receive Data+
4	N/C	NOT CONNECTED
5	N/C	NOT CONNECTED
6	RX-	Receive Data-
7	N/C	NOT CONNECTED
8	N/C	NOT CONNECTED

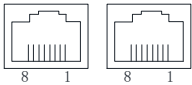


Fig. 2

1.3.3 Parameter settings for EIP network connection

To operate the MV800 drive using MV810-EIP01, it is necessary to set the operation command channel and the frequency source of the

MV800 drive to the bus communication card, as shown in the following table.

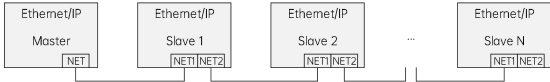
Drive parameter	Value	Function description
P02.02	2	Set the operation command channel to communication control
P02.03	3	Set the communication command channel to Ethernet/IP
P02.05	8	Set the main frequency source to Ethernet/IP

Settings of IP address (IP, subnet mask, and gateway) are shown in the table below.

Drive parameter	Value	Function description
P40.02	0 to 255	IP address 1
P40.03	0 to 255	IP address 2
P40.04	0 to 255	IP address 3
P40.05	0 to 255	IP address 4
P40.06	0 to 255	Subnet mask 1
P40.07	0 to 255	Subnet mask 2
P40.08	0 to 255	Subnet mask 3
P40.09	0 to 255	Subnet mask 4
P40.10	0 to 255	Gateway 1
P40.11	0 to 255	Gateway 2
P40.12	0 to 255	Gateway 3
P40.13	0 to 255	Gateway 4

1.3.4 Network topology

EIP network is generally composed of a master station and multiple slave stations. The network can be structured into a bus type, star type, tree type, etc., or a combination of several types, enabling flexible device connection and wiring. The bus-type network topology is shown in the figure below.



2 Installation

2.1 Accessory list

Name	Specification	Quantity
MV810-EIP01 option (with an expansion box)	75 × 60 × 24 mm	1
User manual	A3 × 1	1

2.2 Installation method

The installation position, interface, and steps of MV810-EIP01 option are described as below.

2.2.1 Installation position

MV800 provides two installation positions for accessory cards/options, as shown in Fig. 3 (the following example is based on Enclosure B, and also serves as the reference for other enclosure types). Position 1 is for the installation of various PG cards; position 2 is for the installation of PN bus options, ECAT bus options, EIP bus options, I/O expansion options, etc.

2.2.2 Installation interface

The electrical interface of the EIP option for the MV810 drive and the corresponding installation interface of the MV810 drive are shown in Fig. 4.

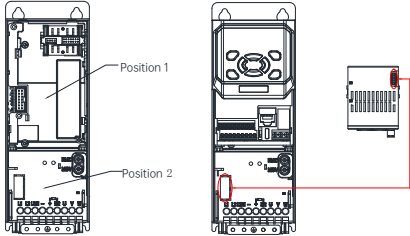


Fig. 3

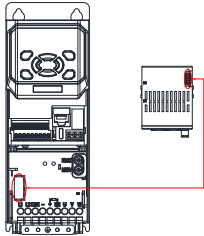


Fig. 4

2.2.3 Installation steps

Installation method: front side mounting for the EIP option.

- (1) When the drive is powered off, press the granulated area on the middle-upper part of the lower cover, slide it down with a certain amount of force to remove the lower cover, as shown in Fig. 5-a.
- (2) Use a straight screwdriver to pry open the dust-proof cap, as shown in Fig. 5-b.
- (3) Install the EIP option: hold the expansion box (a bus card inside) upwards (indicators upwards), align the expansion box with the electrical bus interface in the installation position 2, and press down horizontally to buckle the spring snap of the expansion box into the groove at the lower part of the drive, as shown in Fig. 5-c and Fig. 5-d. Then, use the included retaining plate to secure the option and tighten it with screws (for enclosure B only), as shown in Fig. 5-e.
- (4) The bus option is successfully installed, as shown in Fig. 5-f.

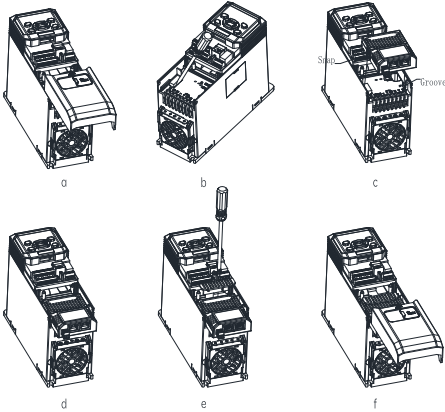


Fig. 5 EIP option installation steps

- (5) Grounding: MV810-EIP01 must be grounded during wiring. Users need to prepare and crimp the cable by themselves, as shown in Fig. 6.



Fig. 6 Grounding terminal connection

Grounding method: connect the B end of the grounding cable to the option's grounding terminal block, and check the grounding cable diameter and torque by referring to Table 1; connect the A end of the grounding cable to the grounding rack PE (grounding mark, circled in Fig. 7) of the drive (the following example is based on Enclosure B, and also serves as the reference for other enclosure types), and check the grounding screw specifications and torque by referring to Table 2.



Fig. 7

Table 1 Recommended diameter and torque for the grounding cable

Accessory card	Screw	Diameter	Stripped part	Torque (±10%)
MV810-EIP01	M2.0	0.5 to 1.5 mm ² / (28 to 16 AWG)	5 to 6 mm	2 kg·cm / 1.7 lb·in / 0.2 N·m

Table 2 Recommended grounding screw and torque

Enclosure	Screw	Torque (±10%)
B	M3	7 kg·cm / 6.08 lb-in / 0.68 N·m
C	M4	15 kg·cm / 13.0 lb-in / 1.47 N·m
D		

3 EIP application

EIP communication protocol enables the PLC to read/write the PKW/PZD of the drive.

The data format is described in the table below.

Parameter	Byte	Description
PKW0	Byte0	This is the EIP slave station (where the EIP communication option is installed).
	Byte1	
PKW1	Byte2	Byte0: Target station number
	Byte3	Byte1: Source station number (local station number)
		Slave response: Byte0: Target station number
PKW1	Byte2	Byte1: Source station number (local station number)
		Function code read/write command (read/write one function code at a time)
		0x03: Read one function code
		0x06: Write one function code, and save to EEPROM
		0x07: Write one function code; not save to EEPROM
PKW1	Byte3	Byte2: Command word high byte
		Byte3: Command word low byte
		Slave response: Byte2: 0
PKW2	Byte4	Byte3: 0x03, response to read operation
		0x06 + 0x07, response to write operation
		0x80 + command code, response error
		Address of the function code to be read/written
		Byte4: Address high byte
PKW2	Byte5	Byte5: Address low byte
		Slave response: Byte4: Address high byte
PKW3	Byte6	Byte5: Address low byte
		For write operation, PKW3 refers to the written value; for read operation, PKW3 refers to the number of function codes to be read (fixed value: 1)
		Byte6: Parameter high byte
PKW3	Byte7	Byte7: Parameter low byte
		Slave response:

Parameter	Byte	Description		
		Byte6: Function code value high byte (response to read operation), 0 (response to write operation), error code high byte (response error) Byte7: Function code value low byte (response to read operation), 0 (response to write operation), error code low byte (response error)		
PZD1	Byte8	The master sends control command word: Bit0: FWD run 0: Disable; 1: Enable Bit1: REV run 0: Disable; 1: Enable Bit2: FWD jog 0: Disable; 1: Enable Bit3: REV jog 0: Disable; 1: Enable Bit4: Decelerate to stop 0: Disable; 1: Enable Bit5: Coast to stop 0: Disable; 1: Enable Bit6: Fault rese 0: Disable; 1: Enable Bit7: Emergency stop 0: Disable; 1: Enable Byte8: Command word high byte Byte9: Command word low byte Status word of slave response:		
		Byte9	Bit0: FWD running 0: Disable; 1: Enable Bit1: REV running 0: Disable; 1: Enable Bit2: Stop 0: Disable; 1: Enable Bit3: Fault 0: Disable; 1: Enable Bit4: Power failure 0: Disable; 1: Enable Bit5: Ready state 0: Disable; 1: Enable Bit6: Motor number 0: Motor 1; 1: Motor 2 Bit7: Motor type 0: Asynchronous; 1: Synchronous Bit8: Overload pre-alarm 0: Disable; 1: Enable Bit9 to Bit10: Control mode 0: Keypad; 1: Terminal; 2: Communication Byte8: Status word high byte Byte9: Status word low byte	
	PZD2		Byte10	The eleven words (PZD2 to PZD12) are used to read/write the drive internal parameters which include P43.02 to P43.23 (parameters P43.02 to P43.12 are used for write operation; P43.13 to P43.23 are used for read operation).
	PZD3	Byte11		
		Byte12		
	PZD4	Byte13		
		Byte14		
PZD5	Byte15	P43.02 PZD2 received 0: Disable		
	Byte16	1: Frequency reference (0.00 to P02.10)		
PZD6	Byte17	P43.03 PZD3 received 2: Drive torque upper limit reference (0.0 to 300.0% motor rated current)		
	Byte18	P43.04 PZD4 received 3: Brake torque upper limit reference (0.0 to 300.0% motor rated current)		
PZD7	Byte19	P43.05 PZD5 received 4: Torque reference (-300.0 to 300.0% motor rated current)		
	Byte20	P43.06 PZD6 received 5: FWD run frequency reference upper limit (0.00 to P02.10)		
PZD8	Byte21	P43.07 PZD7 received 6: REV run frequency reference upper limit (0.00 to P02.10)		
	Byte22	P43.08 PZD8 received 7: Voltage reference (V/F separation) (0 to 1000)		
PZD9	Byte23	P43.09 PZD9 received 8: Virtual input terminal command (0 to 0xFF are corresponding to D18 to D11)		
	Byte24	P43.10 PZD10 received 9: Output terminal bus command (the output terminal function is set to 39; 0 to 0xF are corresponding to RO, DO3, DO2, and DO1)		
PZD10	Byte25	P43.11 PZD11 received 10: AO1 output reference (0 to 100.0%)		
	Byte26	P43.12 PZD12 received 11: HDO1 output reference (0 to 100.0%)		
PZD11	Byte27	12: HDO2 output reference (0 to 100.0%)		
	Byte28	13: PID reference (0.0 to 100.0%)		
	Byte29	14: PID feedback (0.0 to 100.0%)		
	Byte30	15 to 30: Reserved		
PZD12	Byte31	P43.13 PZD2 feedback 0: Disable		
		P43.14 PZD3 feedback 1: Frequency reference (0.01 Hz)		
		P43.15 PZD4 feedback 2: Ramp frequency reference (0.01 Hz)		
		P43.16 PZD5 feedback 3: Frequency output (0.01 Hz)		
		P43.17 PZD6 feedback 4: Voltage output (1 V)		
		P43.18 PZD7 feedback 5: Current output (0.1 A)		
		P43.19 PZD8 feedback 6: Bus voltage (0.1 V)		
		P43.20 PZD9 feedback 7: Motor power (0.1%)		
		P43.21 PZD10 feedback 8: Torque output (0.1%)		
		P43.22 PZD11 feedback 9: Excitation current (0.1 A)		
		P43.23 PZD12 feedback 10: Torque current (0.1 A)		
				11: Status word (0 to 0xFFFF)
				12: Fault code (0 to 46)

Parameter	Byte	Description
		feedback
		17: AI2 input voltage (-10.00V to 10.00 V)
		18: HD1 input frequency (0 to 50.000 kHz)
		19: AO output value (0 to 100.0%)
		20: HDO1 output value (0 to 50.000 kHz)
		21: HDO2 output value (0 to 50.000 kHz)
		22: PID reference (-100.0% to 100.0%)
		23: PID feedback (-100.0% to 100.0%)
		24: PID deviation (-100.0% to 100.0%)
		25: PID output (-100.0% to 100.0%)
		26 to 30: Reserved
		Byte10: Parameter high byte
		Byte11: Parameter low byte (Similar with other bytes)

4 Fault diagnosis

4.1 LED indicator description and fault removal

MV810-EIP01 has LED indicators on five locations (see Fig. 1), including the LED indicators on the PCBA of the expansion box for indicating the function status and the power status, and the LED indicators of the communication ports for indicating whether the communication connection status of MV810-EIP01 is normal. Description of LED on the PCBA of the expansion box:

LED4 (Red) status	Description	Action
Off	Normal	No need for actions
Steady on	Communication timeout between the master and the communication card	Check whether the EIP option is properly connected to the drive.

Description of LED on the communication port:

LED status	Description	Action
Yellow light flashing	Normal connection with data transmission available	No need for actions
Green light steady on	Normal connection	No need for actions
Yellow light steady on	Normal connection without data transmission	Check whether there is communication between the master and the slave.
Green light off	Connection failed	Check whether the cable is properly connected.

Shenzhen Megmeet Electrical Co., Ltd.

Address: 5th Floor, Block B, Unisplendour Information Harbor, Langshan Road, Shenzhen, 518057, China

Website: www.megmeet.com

Tel: +86-755-86600500

Service email: driveservice@megmeet.com

All rights reserved. The contents in this document are subject to change without prior notice.

MEGMEET Warranty Bill of Communication Option	
Customer company:	
Detailed address:	
Contact:	Tel:
Option model:	
Option number:	
Purchase date:	
Service unit:	
Contact:	Tel:
Maintenance date:.	
Certificate	
Checker: _____ Manufacturing date: _____	
The product has been tested in line with design standards and approved for leaving the factory.	