EA-IF-AB Interfaces / 接口

➤ 可改装，安装简易（即插即用型）
➤ 通过产品上的设置菜单可简便地完成配置
➤ 电隔离耐压高达2500 V

基本信息
EA接口卡为可插拔式数字模块，目前适用于ELR 9000，PSI 9000与EL 9000 B系列，同样也会适用到将来的可编程电源或电子负载上。

支持LabView与其它编程语言
我们给带RS232端口，以及带Ethernet端口的所有接口卡提供的即用型LabView-VIs软件。
通讯协议是完全开放的，存储在文件内。用户可将其集成到任何一种虚拟编程语言中。

软件与驱动
随产品会附有一张光盘或者USB笔，里面存储了一些文档、驱动程序与软件。

型号概览

RS232
• 型号：EA-IF-AB-RS232　　订购编号：35400101
• 转换速度：最大115200 Bd
• D-sub型9针公座，专为调制解调器连接用
• SCPI与Modbus协议

CANopen
• 型号：EA-IF-AB-CAN　　订购编号：35400100
• 转换速度：最大1MBit/s
• 全CANopen-Slave
• 自动波特率
• 含EDS (电子数据表)文档
• 1x Sub-D型9针公座

Profibus
• 型号：EA-IF-AB-PBUS　　订购编号：35400103
• 转换速度：最大12MBit/s
• 全DPV1-Slave
• 含GSD(Generic Station Device)文档
• 1x D-Sub型9针母座

➤ **Retrofittable, simple installation (plug 'n play)**
➤ **Easy configuration via a setup menu on the device**
➤ **Galvanic isolation up to 2500 V**

General
The EA interfaces are pluggable, digital modules for current series ELR 9000, PSI 9000 and EL 9000 B, as well as upcoming series of programmable power supplies or electronic loads.

Support for LabView and programming languages
Ready-to-use LabView VIs for the interfaces with type RS232 and all types with Ethernet port (1 or 2) are provided.
The communication protocol is open and included in the documentation. Thus it can be integrated in virtually any programming language.

Software and drivers
The devices of the series which can host these modules are delivered with a CD or USB pen drive which includes documentation, drivers and software.

Model overview

RS232
• Type: EA-IF-AB-RS232　　Ord.No. 35400101
• Transfer speed: max. 115200 Bd
• D-sub, male, 9-pole for null modem cable
• SCPI and Modbus protocol

CANopen
• Type: EA-IF-AB-CANO　　Ord.Nr. 35400100
• Transfer speed: max. 1MBit/s
• Full CANopen slave
• Auto-baud
• EDS (Electronic Data Sheet) included
• 1x D-Sub socket, male, 9-pole

Profibus
• Type: EA-IF-AB-PBUS　　Ord.No. 35400103
• Transfer speed: max. 12MBit/s
• Full DPV1 slave
• GSD (Generic Station Device) file included
• 1x D-Sub socket, female, 9-pole

ProfiNet 1P
- 型号：EA-IF-AB-PNET1P 订购编号：35400105
- 转换速度：100MBit/s，全双向
- PROFINET/IO通讯
- 含GSDML
- 1x RJ45 8针插座

ProfiNet 1P
- Type: EA-IF-AB-PNET1P Ord.No. 35400105
- Transfer speed: 100MBit/s, full duplex
- PROFINET/IO communication
- GSDML included
- 1x RJ45 socket, 8-pole

ProfiNet 2P
- 型号：EA-IF-AB-PNET1P 订购编号：35400110
- 转换速度：100MBit/s，全双向
- PROFINET/IO通讯
- 含GSDML
- 2x RJ45 8针插座，带以太网开关

ProfiNet 2P
- Type: EA-IF-AB-PNET2P Ord.No. 35400110
- Transfer speed: 100MBit/s, full duplex
- PROFINET/IO communication
- GSDML included
- 2x RJ45 socket 8-pole, with Ethernet switch

Ethernet 1P
- 型号：EA-IF-AB-ETH1P 订购编号：35400104
- 转换速度：10/100MBit/s
- 透明插座
- SCPI与Modbus协议
- 1x RJ45插座，8针

Ethernet 1P
- Type: EA-IF-AB-ETH1P Ord.No. 35400104
- Transfer speed: 10/100MBit/s
- Transparent socket
- SCPI and Modbus protocol
- 1x RJ45 socket, 8-pole

Ethernet 2P
- 型号：EA-IF-AB-ETH1P 订购编号：35400108
- 转换速度：10/100MBit/s
- 透明插座
- SCPI与Modbus协议
- 2x RJ45 8针插座，带以太网开关
- DLR (Device Level Ring-设备级环网技术)

Ethernet 2P
- Type: EA-IF-AB-ETH2P Ord.No. 35400108
- Transfer speed: 10/100MBit/s
- Transparent socket
- SCPI and Modbus protocol
- 2x RJ45 socket 8-pole, with Ethernet switch
- DLR (Device Level Ring)

Modbus-TCP 1P
- 型号：EA-IF-AB-MBUS1P 订购编号：35400107
- 转换速度：10/100MBit/s
- 256个字节进/出
- SCPI与Modbus协议
- 1x RJ45插座，8针

Modbus-TCP 1P
- Type: EA-IF-AB-MBUS1P Ord.No. 35400107
- Transfer speed: 10/100MBit/s
- 256 Bytes in/out
- SCPI and Modbus protocol
- 1x RJ45-Buchse, 8-pole

Modbus-TCP 2P
- 型号：EA-IF-AB-MBUS2P 订购编号：35400109
- 转换速度：最大10/100MBit/s
- 全ModBus TCP服务器（从机）
- 256个字节进/出
- SCPI与Modbus协议
- 2x RJ45插座，8针
- 内置有一个给总线拓扑或DLR(设备级环网技术)用的开关

Modbus-TCP 2P
- Type: EA-IF-AB-MBUS2P Ord.No. 35400109
- Transfer speed: 10/100MBit/s
- Full ModBus TCP server (slave)
- 256 Bytes in/out
- SCPI and Modbus protocol
- 2x RJ45-Buchse 8-pole
- Integrated switch for string bus topology or DLR (device level ring)

DeviceNet
- 型号：EA-IF-AB-DNET 订购编号：35400106
- 转换速度：125 kBd - 500 kBd
- 256个字节进/出
- DeviceNET功能：适配器（从机）
- 隐式&显式报文传送，UCMM
- 1x WAGO 5针插座

DeviceNet
- Type: EA-IF-AB-DNET Ord.No. 35400106
- Transfer speed: 125 kBd - 500 kBd
- 256 Bytes in/out
- DeviceNET function: adapter (slave)
- Implicit & Explicit Messaging, UCMM
- 1x 5pole WAGO plug

CAN
- 型号：EA-IF-AB-CAN 订购编号：35400111
- 转换速度：最快1MBit/s
- CAN标准插头2.0 A与2.0 B兼容
- 1x D-Sub 9针插座，公插

CAN
- Type: EA-IF-AB-CAN Ord.No. 35400111
- Transfer speed: max. 1MBit/s
- CAN standard 2.0 A and 2.0 B compatible
- 1x D-Sub socket, male, 9-pole