



数字接口模块 Digital interface modules



EA-IF-AB Series

- 可拆装，安装简便（即插即用）
- 经产品设置菜单可轻松配置
- 高达2500 V的隔离耐压

概要

IF-AB系列为可插拔式数字接口模块，适用于自2012年生产带模块插槽的产品系列，如：EA-ELR 9000，EA-PSE 9000与EA-PSI 9000系列以及更多0 B，同样也会适用到将来的可编程电源或电子负载上。

LabView与编程语言

我们还给RS232与Ethernet这类接口提供即用型LabView-VIs软件。其它接口还可集成到任何控制应用内。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。

软件与驱动程序

随产品会附有一U盘，里面存储了一些文档、驱动程序与软件。

RS232

- 型号：IF-AB-RS232(订购编号：35400101)
- 转换速度：最大115200 Bd
- D-Sub型9针公座，调制解调器连接用
- SCPI与ModBus RTU协议

CANopen

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



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

General

Series EA-IF-AB offers a set of pluggable, digital interface modules for all series since 2012 which feature a module slot, such as EA-ELR 9000, EA-PSE 9000, EA-PSI 9000 and more, as well as upcoming series of programmable power supplies or electronic loads, which feature a suitable slot.

LabView and programming languages

Ready-to-use LabView VIs for interfaces w/ type RS232 and Ethernet are included. The other interfaces can be integrated into any kind of control application. 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 an USB stick which includes documentation, drivers and software.

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 RTU protocol

CANopen

- Type: EA-IF-AB-CANO (Ord. No. 35400100)
- Transfer speed: max. 1 MBit/s
- Basic CANopen slave
- Auto-baud
- EDS (Electronic Data Sheet) included
- 1x D-Sub socket, male, 9-pole

EA-IF-AB

Profibus

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



Profibus

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

ProfiNet 1 port / 2 port

- 型号: IF-AB-PNET1P (订购编号: 35400105)
- 型号: IF-AB-PNET2P (订购编号: 35400110)
- 转换速度: 100 MBit/s, 全双向
- 含GSDML
- 1x RJ45, 8针插座(1P)
- 2x RJ45, 8针插座, 带以太网开关(2P)



ProfiNet 1 port / 2 port

- Type: EA-IF-AB-PNET1P (Ord. No. 35400105)
- Type: EA-IF-AB-PNET2P (Ord. No. 35400110)
- Transfer speed: 100 MBit/s, full duplex
- GSDML included
- 1x RJ45 socket, 8-pole (1P)
- 2x RJ45 socket 8-pole, with Ethernet switch (2P)

Ethernet 1 port / 2 port

- 型号: IF-AB-ETH1P (订购编号: 35400104)
- 型号: IF-AB-ETH2P (订购编号: 35400108)
- 转换速度: 10/100 MBit/s
- 透明插座
- 1x RJ45, 8针插座(1P)
- 2x RJ45, 8针插座, 带以太网开关(2P)



Ethernet 1 port / 2 port

- Type: EA-IF-AB-ETH1P (Ord. No. 35400104)
- Type: EA-IF-AB-ETH2P (Ord. No. 35400108)
- Transfer speed: 10/100 MBit/s
- Transparent socket
- 1x RJ45 socket, 8-pole (1P)
- 2x RJ45 socket 8-pole, with Ethernet switch (2P)

ModBus-TCP 1 port / 2 port

- 型号: IF-AB-MBUS1P(订购编号: 35400107)
- 型号: IF-AB-MBUS2P(订购编号: 35400109)
- 转换速度: 10/100 MBit/s
- 256个字节进/出
- ModBus TCP协议
- 1x RJ45, 8针插座(1P)
- 2x RJ45, 8针插座, 带以太网开关(2P)



ModBus TCP 1 port / 2 port

- Type: EA-IF-AB-MBUS1P (Ord. No. 35400107)
- Type: EA-IF-AB-MBUS2P (Ord. No. 35400109)
- Transfer speed: 10/100 MBit/s
- 256 Bytes in/out
- ModBus TCP protocol
- 1x RJ45 socket, 8-pole (1P)
- 2x RJ45 socket 8-pole, with Ethernet switch (2P)

CAN

- 型号: IF-AB-CAN (订购编号: 35400111)
- 转换速度: 最快1 MBit/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. 1 MBit/s
- CAN standard 2.0 A and 2.0 B compatible
- 1x D-Sub socket, male, 9-pole

EtherCAT

- 型号: IF-AB-ECT (订购编号: 35400112)
- 基本EtherCAT-Slave
- CANopen协议 (CoE)
- PDOs 与 SDO
- 本机上带诊断LED灯



EtherCAT

- Type: EA-IF-AB-ECT (Ord. No. 35400112)
- Basic EtherCAT slave
- CANopen protocol (CoE)
- PDOs and SDO
- Diagnostic LEDs on the body

