

可编程逻辑控制器 PLC

一、概述

AC500, AC500-eCo, AC500-S 和 AC500-XC 可升级 PLC 产品提供从小型、中型到大型系统的解决方案。AC500 PLC 提供不同性能等级的高可靠性，极端环境型和安全型产品。



➤ AC500

旗舰型 PLC，强大的性能、多种通信适配能力以及 I/O 扩展能力，满足不同的行业应用。是复杂高速机械设备和网络解决方案的理想选择。

➤ AC500-eCo

紧凑型 PLC，为现代化系统提供灵活和经济的配置，是小型系统的理想选择。

AC500-S

安全型 PLC (SIL3, PL e)，适合工厂或机械自动化领域的安全应用。是实施和管理复杂安全解决方案的理想选择。

➤ AC500-XC

极端环境型 PLC，工作温度条件更加宽泛，耐受振动和有害气体，适用于高海拔高湿度的环境。

二、AC500 - CPU

AC500 CPU 提供简单、安全和可靠的自动化解决方案，以适应新挑战。



灵活可扩展

范围广泛的 CPU，提供不同的内存，性能和网络功能。

一套集成的软件，满足所有 AC500 PLC 的需求。

网络

AC500 通过板载和扩展模块提供多种通信方式，支持不同的组合，形成强大的网络节点，实现不同的自动化解决方案。

使用内置的 Web 服务器（免费），您可以可随时随地获取报告、信号和消息。

应用

AC500 适用于不同的应用，例如风机，太阳能追踪，大型船舶，隧道自动化，交通控制，包装、印刷机械和机器人等。

选择 AC500 平台，您可以分享我们在不同行业的专业技术和软件库（例如：运动控制，水处理，太阳能，传动）。

PM5630-2ETH 3ABD00038893	PM5630-2ETH
PM5630-2ETH 1SAP131000R0378	Processor module. Memory 8MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5630-2ETH)
PM5630-2ETH 1SAP131000R0278	Processor module. Memory 8MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5630-2ETH)
PM5630-MC-KIT 1SAP131000R0379	Controller Kit. Contains PM5630-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5630-MC-KIT)
PM5650-2ETH 3ABD00038895	PM5650-2ETH
PM5650-2ETH 1SAP141000R0278	Processor module. Memory 80MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5650-2ETH)
PM5650-2ETH 1SAP141000R0378	Processor module. Memory 80MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5650-2ETH)
PM5650-MC-KIT 1SAP141000R0379	Controller Kit. Contains PM5650-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5650-MC-KIT)
PM5670-2ETH 3ABD00038896	PM5670-2ETH
PM5670-2ETH 1SAP151000R0278	Processor module. Memory 160MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5670-2ETH)

PM5670-2ETH 1SAP151000R0378	Processor module. Memory 160MB. Interfaces: 2 Ethernet, RS232/485, CAN. Display (PM5670-2ETH)
PM5670-MC-KIT 1SAP151000R0379	Controller Kit. Contains PM5670-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5670-MC-KIT)
PM5675-2ETH 3ABD00038897	PM5675-2ETH
PM5675-2ETH 1SAP151500R0378	Processor module. Memory 160MB. Interfaces: 2x Ethernet, RS232/485, CAN. 8GB Flashdisk. Display (PM5675-2ETH)
PM5675-2ETH 1SAP151500R0278	Processor module. Memory 160MB. Interfaces: 2x Ethernet, RS232/485, CAN. 8GB Flashdisk. Display (PM5675-2ETH)
PM571-ETH-V14x 1SAP130100R0270	PM571-ETH:AC500,Prog.Logic Contr. 64kB
PM571-V14x 1SAP130100R0200	PM571:AC500,Prog.Logic Controller 64kB
PM572 1SAP130200R0200	Processor module. Memory 128kB. 2x RS232/485. FBP. Display (PM572)
PM572 3ABD00029563	PM572
PM573-ETH 1SAP130300R0271	Processor module. Memory 512kB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM573-ETH)
PM573-ETH 3ABD00029564	PM573-ETH
PM581-ARCNET-V14x 1SAP140100R0260	PM581-ARCNET:AC500,Prog.Log.Controller
PM581-ETH-V14x 1SAP140100R0270	PM581-ETH:AC500,Prog.Logic Contr.256kB
PM581-V14x 1SAP140100R0200	PM581:AC500,Prog.Logic Controller 256kB
PM582 1SAP140200R0201	Processor module. Memory 512kB. Interfaces: 2x RS232/485, FBP. Display (PM582)
PM582 3ABD00029565	PM582
PM582-ARCNET 1SAP140200R0260	PM582-ARCNET:AC500,Prog.Logic Controller
PM582-ETH 1SAP140200R0270	PM582-ETH:AC500,Prog.Logic Contr.512kB
PM582-V14x 1SAP140200R0200	PM582:AC500,Prog.Logic Controller 512kB
PM583-ETH 1SAP140300R0271	Processor module. Memory 1MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM583-ETH)

PM583-ETH 3ABD00029566	PM583-ETH
PM585-ETH 1SAP140500R0271	Processor module. Memory 1MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM585-ETH)
PM585-ETH 3ABD00038876	PM585-ETH
PM585-MC-KIT 1SAP140500R0379	Controller Kit. Contains PM585-ETH, CM579-ETHCAT, TB511-ETH. (PM585-MC-KIT)
PM590-ARCNET 3ABD00038958	PM590-ARCNET
PM590-ARCNET-V14x 1SAP150000R0260	PM590-ARCNET:AC500,CPU,2MB,24VDC,ARCNET
PM590-ETH 3ABD00029567	PM590-ETH
PM590-ETH 1SAP150000R0271	Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM590-ETH)
PM590-ETH-V14x 1SAP150000R0270	PM590-ETH:AC500,Prog.Log.Controller 2MB
PM590-MC-KIT 1SAP150000R0379	Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)
PM590-V14x 1SAP150000R0200	PM590:AC500,Prog.Logic Controller 2MB
PM591-2ETH 1SAP150100R0277	Processor module. Memory 4MB. Interfaces: 2x Ethernet, RS232/485. Display (PM591-2ETH)
PM591-ARCNET-V14x 1SAP150100R0260	PM591-ARCNET:AC500,Prog.Logic Controller
PM591-ETH 3ABD00029568	PM591-ETH
PM591-ETH 1SAP150100R0271	Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM591-ETH)
PM591-ETH-V14x 1SAP150100R0270	PM591-ETH:AC500,Prog.Logic Contr.4MB
PM591-V14x 1SAP150100R0200	PM591:AC500,Prog.Logic Controller 4MB
PM592-ETH 1SAP150200R0271	Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. 4GB Flashdisk. Display (PM592-ETH)
PM592-ETH 3ABD00029646	PM592-ETH
PM595-4ETH-F 3ABD00038808	AC500 CPU PM595

PM595-4ETH-F 1SAP155500R0279	Processor module. Memory: 16MB program, 16MB data. Interfaces: 2x Ethernet, 2x serial, 2x Ethernet w. switch. 2x CM slots (PM595-4ETH-F)
TB511-ARCNET 3ABD00029559	TB511-ARCNET
TB511-ARCNET 1SAP111100R0260	Terminal base. For AC500 V2. 1 slot for communication module. ARCNET interface. 2 serial interfaces RS232/RS485 (TB511-ARCNET)
TB511-ETH 1SAP111100R0270	Terminal base. For AC500 V2. 1 slot for communication module. Ethernet interface. 2 serial interfaces RS232/RS485 (TB511-ETH)
TB521-ARCNET 1SAP112100R0260	Terminal base. For AC500 V2. 2 slots for communication module. ARCNET interface. 2 serial interfaces RS232/RS485 (TB521-ARCNET)
TB521-ETH 1SAP112100R0270	Terminal base. For AC500 V2. 2 slots for communication module. Ethernet interface. 2 serial interfaces RS232/RS485 (TB521-ETH)
TB523-2ETH 1SAP112300R0277	Terminal base. For PM591-2ETH. 2 slots for communication modules. 2 Ethernet interfaces. 1 serial interface RS232/RS485 (TB523-2ETH)
TB541-ETH 1SAP114100R0270	Terminal base. For AC500 V2. 4 slots for communication module. Ethernet interface. 2 serial interfaces RS232/RS485 (TB541-ETH)
TB5600-2ETH 1SAP110300R0278	Terminal base. For AC500 V3. Without slot for communication module. 2 Ethernet interfaces. 1 serial interface. 1 CAN interface (TB5600-2ETH)
TB5610-2ETH 1SAP111300R0278	Terminal base. For AC500 V3. 1 slot for communication module. 2 Ethernet interfaces. 1 serial interface. 1 CAN interface (TB5610-2ETH)
TB5620-2ETH 1SAP112300R0278	Terminal base. For AC500 V3. 2 slots for communication module. 2 Ethernet interfaces. 1 serial interface. 1 CAN interface (TB5620-2ETH)
TB5640-2ETH 3ABD00038901	TB5640-2ETH
TB5640-2ETH 1SAP114300R0278	Terminal base. For AC500 V3. 4 slots for communication module. 2 Ethernet interfaces. 1 serial interface. 1 CAN interface (TB5640-2ETH)
TB5660-2ETH 1SAP116300R0278	Terminal base. For AC500 V3. 6 slots for communication module. 2 Ethernet interfaces. 1 serial interface. 1 CAN interface (TB5660-2ETH)
TF501-CMS 3ABD00038880	TF501-CMS

三、AC500 - S500 I/O 模块



我们相信，扩展和添加现场设备应该很简单。因此，我们设计了多种功能的 I/O 模块，这些模块都是在软件中可配置的，并提供不同的通道数量、信号类型。

您可以选择和组合您需要的模块：

- ✧ CPU 本地通过 I/O 总线连接的 I/O 模块
- ✧ CPU 本地最多可以扩展 10 个 I/O 模块
- ✧ 通过通信接口模块扩展远程或分布式 I/O 模块

- ◇ 每个从站最多可以扩展 10 个 I/O 模块
- ◇ 一些模块涵盖了多种功能，例如 AI531，支持 8 种信号类型

3.1 数字量卡件

数字量	I/O 数量	特性
DI524	32DI	24 V DC
DC522	16DC	可配置，晶体管，高速计数
DC523	24DC	可配置，晶体管，高速计数
DC532	16DI 16DC	16 路可配置，晶体管，高速计数
DX522	8DI 8DO	继电器
DX531	8DI 4DO	继电器
DO524	32DO	晶体管

3.2 模拟量卡件

数字量	I/O 数量	特性
AI523	16AI	电压，电流，Pt100，Pt1000，Ni1000
AX521	4AI 4AO	电压，电流，Pt100，Pt1000，Ni1000
AX522	8AI 8AO	电压，电流，Pt100，Pt1000，Ni1000
A0523	16AO	电压，电流
AI531	8AI	电压，电流，Pt100，Pt1000，Ni1000，热电偶

3.3 功能模块

功能模块	I/O 数量	特性
DA501	16DI 4AI 2AO	高速计数，8 路可配置 DC
CD522	2DI 8DC	编码器，高速计数，PWM
DC541	8DC	高速计数，中断

3.4 数据

AC522 1SAP250500R0001	Analog input/output module. 4 channels: AI U, I, RTD, DI or AO U, I. 4 channels: AI U, I, RTD or AO U (AC522)
AI522 1SAP251000R0001	Analog input module. 8AI U, I, RTD, DI. 16 Bit (AI522)
AI523 3ABD10058718	AI523
AI531 3ABD10095881	AI531
AO522 1SAP250900R0001	Analog output module. 8AO U, I. 16 Bit (AO522)
AO523 3ABD10058719	AO523
AX521 3ABD10066541	AX521
AX521 1SAP250100R0001	Analog input/output module. 4 AI: U, I, RTD. 4 AO: U, I (AX521)
AX522 3ABD10058720	AX522
AX522-XC 3ABD00033223	AX522-XC
CD522 3ABD10095883	CD522
DA501 3ABD00029513	DA501
DA501 1SAP250700R0001	Digital/analog I/O module. 16 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5A (DA501)
DA502 1SAP250800R0001	Digital/analog I/O module. 16 DO 24VDC 0.5A. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5A (DA502)
DC522 3ABD10066540	DC522
DC523 3ABD10066539	DC523
DC532 3ABD10058714	DC532
DC541-CM 3ABD10070067	DC541-CM
DI524 3ABD10058713	DI524
DO524 3ABD00034199	DO524

DO524 1SAP240700R0001	Digital output module. 32 DO: 24VDC 0.5A (DO524)
DO526 3ABD00038902	DO526
DO526 1SAP240800R0001	Digital output module. 8 DO: 24VDC 2 A (DO526)
DX522 3ABD10058721	DX522
DX522 1SAP245200R0001	Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522)
DX531 3ABD10058717	(DX531)
TU516 3ABD10058705	TU516
TU516-H 1SAP215000R0001	I/O terminal unit. For analog and 24 VDC digital modules. Spring terminals. Hot Swap (TU516-H)
TU532-H 3ABD00038955	TU532-H
TU532-H 1SAP215100R0001	I/O terminal unit. For 230 VAC and relay modules. Spring terminals. Hot Swap (TU532-H)
TU541 3ABD00029553	TU541
TU541 1SAP213000R0001	I/O terminal unit. For 24 VDC high current modules. Screw terminals (TU541)
TU542 1SAP213200R0001	I/O terminal unit. For 24 VDC high current modules. Spring terminals (TU542)
TU542 3ABD00033216	TU542
TU542-H 3ABD00038956	TU542-H
TU542-H 1SAP215200R0001	I/O terminal unit. For 24 VDC high current modules. Spring terminals. Hot Swap (TU542-H)

四、AC500 通信模块

我们提供多种通信模块，既有 AC500 PLC 独有的通信方式，也支持各种常用的现场总线。有利于客户之前系统的扩展，并可以为当前和未来的方案做好准备。



- ✧ AC500 PLC 最多可以通过 CPU 左侧的扩展槽扩展 4 种通信模块
- ✧ 提供多种通信方式，支持不同的组合，形成强大的网络节点，实现不同的自动化解决方案

支持的通信协议:

- ◇ Ethernet
- ◇ EtherCAT
- ◇ PROFINET
- ◇ PROFIBUS DP
- ◇ CANopen
- ◇ DeviceNet
- ◇ Modbus TCP
- ◇ Modbus RTU
- ◇ RCOM
- ◇ ABB CS31

4.1 数据

CM5640-2ETH 1SAP176000R0080	Communication module. Protocols: TCP/IP, UDP, Modbus TCP (CM5640-2ETH)
CM574-RCOM 3ABD00038957	CM574-RCOM
CM574-RCOM 1SAP170401R0201	Communication module. RCOM protocol. Serial interface RS232, RS485 (CM574-RCOM)
CM574-RS 3ABD00029569	CM574-RS
CM574-RS 1SAP170400R0201	Communication module. Configurable protocol. 2 serial interfaces RS232, RS485 (CM574-RS)
CM579-ETHCAT 1SAP170902R0101	Communication module. EtherCAT master. (CM579-ETHCAT)
CM579-ETHCAT 3ABD00029506	CM579-ETHCAT
CM579-PNIO 1SAP170901R0101	Communication module. PROFINET IO RT controller (CM579-PNIO)
CM579-PNIO 3ABD00038816	CM579-PNIO
CM582-DP 3ABD00038891	CM582-DP

CM582-DP 1SAP17220R0001	Communication module. PROFIBUS slave (CM582-DP)
CM588-CN 3ABD00033192	CM588-CN
CM588-CN 1SAP172800R0001	Communication module. CANopen slave (CM588-CN)
CM589-PNIO 3ABD00038813	CM589-PNIO
CM589-PNIO 1SAP172900R0011	Communication module. PROFINET IO RT device (CM589-PNIO)
CM589-PNIO-4 3ABD00038892	CM589-PNIO-4
CM589-PNIO-4 1SAP172900R0111	Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4)
CM592-DP 3ABD00038877	CM592-DP
CM592-DP 1SAP173200R0001	Communication module. PROFIBUS master (CM592-DP)
CM597-ETH 1SAP173700R0001	Communication module. Protocols: TCP/IP, UDP, Modbus TCP (CM597-ETH)
CM597-ETH 3ABD00038815	CM597-ETH
CM598-CN 3ABD00045456	CM598-CN
CM598-CN 1SAP173800R0001	Communication module. CANopen master (CM598-CN)

五、AC500 – 通信接口模块

AC500 PLC 提供多种与远程 IO 和分布式设备连接的通信接口模块



- ✧ AC500 PLC 提供多种与远程 IO 和分布式设备连接的通信接口模块，方便之前系统的扩展，并可以为当前和未来的方案做好准备。
- ✧ 我们的通信接口模块集成一定数量的 IO 点，并具有高速计数等特殊功能。
- ✧ 通信接口模块为外围设备提供多种连接方式，方便集成到各种系统中，形成从小型到大型自动化解决方案的网络节点。

支持的通信协议:

- ✧ EtherCAT

- ✧ PROFINET
- ✧ PROFIBUS DP
- ✧ CANopen
- ✧ DeviceNet
- ✧ Modbus TCP
- ✧ ABB CS31

5.1 数据

CI501-PNIO 1SAP220600R0001	Interface module. PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A (CI501-PNIO)
CI501-PNIO 3ABD00029507	CI501-PNIO
CI502-PNIO 1SAP220700R0001	Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO)
CI502-PNIO 3ABD00029508	CI502-PNIO
CI504-PNIO 3ABD00029574	CI504-PNIO
CI504-PNIO 1SAP221300R0001	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO)
CI504-PNIO-XC 1SAP421300R0001	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO-XC)
CI506-PNIO 3ABD00029575	CI506-PNIO
CI506-PNIO 1SAP221500R0001	Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface (CI506-PNIO)
CI511-ETHCAT 1SAP220900R0001	Interface module. EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality (CI511-ETHCAT)
CI511-ETHCAT 3ABD00029509	CI511-ETHCAT
CI512-ETHCAT 3ABD00029510	CI512-ETHCAT
CI512-ETHCAT 1SAP221000R0001	Interface module. EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality (CI512-ETHCAT)
CI521-MODTCP 3ABD00034195	CI521-MODTCP
CI521-MODTCP 1SAP222100R0001	Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP)
CI522-MODTCP 3ABD00034196	CI522-MODTCP
CI522-MODTCP 1SAP222200R0001	Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP)
CI531-EIP 1SAP223100R0001	Interface module. EtherNet/IP adapter. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A (CI531-EIP)
CI532-EIP 1SAP223200R0001	Interface module. EtherNet/IP adapter. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI532-EIP)
CI541-DP 3ABD00033145	CI541-DP

CI541-DP 1SAP224100R0001	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)
CI542-DP 3ABD00033146	CI542-DP
CI542-DP 1SAP224200R0001	Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP)
CI581-CN 1SAP228100R0001	Interface module. CANOpen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN)
CI581-CN 3ABD00033147	CI581-CN
CI582-CN 1SAP228200R0001	Interface module. CANOpen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI582-CN)
CI582-CN 3ABD00033148	CI582-CN
CI590-CS31-HA 3ABD10096838	CI590-CS31-HA
CI592-CS31 3ABD00029514	CI592-CS31
CI592-CS31 1SAP221200R0001	Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31)
DC551-CS31 3ABD10066536	DC551-CS31
TU505 1SAP210200R0001	TU505-FBP:S500,FBP-Terminal Unit,Screw
TU506 1SAP210000R0001	TU506-FBP:S500,FBP-Terminal Unit,Spring
TU507-ETH 1SAP214200R0001	Interface terminal unit. For Ethernet protocols. Screw terminals (TU507-ETH)
TU507-ETH 3ABD00029511	TU507-ETH
TU508-ETH 3ABD00029512	TU508-ETH
TU508-ETH 1SAP214000R0001	Interface terminal unit. For Ethernet protocols. Spring terminals (TU508-ETH)
TU509 1SAP211000R0001	Interface terminal unit. For serial protocols. Screw terminals. D-Sub 9 connector (TU509)
TU510 3ABD00038905	TU510
TU510 1SAP210800R0001	Interface terminal unit. For serial protocols. Spring terminals. D-Sub 9 connector (TU510)

TU517 3ABD00038904	TU517
TU517 1SAP214400R0001	Interface terminal unit. For serial protocols. Screw terminals (TU517)
TU518 1SAP214200R0001	Interface terminal unit. For serial protocols. Spring terminals (TU518)
TU518-CNDN 3ABD00033212	TU518
TU520-ETH 1SAP214400R0001	Interface terminal unit. For gateway module. Pluggable spring terminal blocs (TU520-ETH)
TU551-CS31 3ABD10066537	TU551-CS31
TU552-CS31 3ABD10066538	TU552-CS31

六、AC50—附件

AC500 中还提供 编程电缆、锂电池、SD 卡以及培训演示箱等附件，为您的应用或学习带来更多的收益。



6.1 数据

MC502 3ABD10058698	MC502; MC502
MC5141 1SAP180100R0041	Memory card. 2 GB. For high requirements and XC applications (MC5141)
TA512-BAS 1SAP182400R0001	TA512-BAS:AC500,Basic democase ETH CPU
TA515-CASE 1SAP182400R0002	Training case. With: PM585-ETH, TB521-ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA515-CASE)
TA521 3ABD10057928	TA521
TA523 3ABD10058699	TA523
TA524 3ABD10058700	TA524
TA525 3ABD10070379	TA525
TA526 3ABD10070380	TA526
TA527 1SAP181100R0001	TA527:AC500,Power Supply Plug 5 poles

TA528 1SAP181200R0001	TA528:AC500,COM1 Plug 9 poles
TA532 1SAP182000R0001	TA532:AC500,CM574 Plug 9pol. 10 pieces
TA533 1SAP182100R0001	TA533:AC500,CM575 Plug 5pol. 5 pieces
TA534 1SAP182200R0001	TA534:AC500,CM588 Plug 2x5pol. 5 pieces
TA535 3ABD00034205	TA535
TA535 1SAP182300R0001	Protective caps set. For AC500-XC. 10x for D-Sub 9 poles, 20x for RJ45, 3x for RJ45 female, 10x for FBP (TA535)
TA536 1SAP183100R0001	TA536:AC500,DC541 Plug 10pol. 10 pieces
TA541, Lithium battery 3ABD00038810	TA541, Lithium battery
TA543 3ABD00038911	TA543
TA543 1SAP182800R0001	Screw mounting accessory. For PM595 and AC500-eCo V3. 20 pieces (TA543)
产品	信息
TA5450-CASE 1SAP187700R0001	Training case. With: PM5630-2ETH, TB5620-2ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA5450-CASE)
TK501 1SAP180200R0001	TK501:AC500,Programming Cable
TK502 1SAP180200R0101	TK502:AC500,Programming Cable
TK503 1TNE968901R1100	TK503:AC500,Progr.Cable,D-Sub/USB

七、AC500 状态监控系统



AC500 的状态监控系统：对操作性能进行预测

状态监控系统可优化您的资产。全新的 FM502 模块可帮助改善您的操作，以达到更高的效率和可靠性，同时减少服务和运营成本。通过 AC500 PLC 平台即可以建立独立的监控系统，也可以将其集成到整体的控制方案中。

- ✧ 状态监测和运行保护（振动，电流、电压、速度/编码器）
- ✧ FM502-CMS 功能模块通过 TF5x1 底板与 CPU、通信模块和 I/O 模块连接
- ✧ PM592 CPU 同样安装在 TF5x1 底板上（数据交换，信号处理或通信，通过 C 代码进行数据诊断，4GB 闪存存储数据，趋势指示）

FM502-CMS 模块

- ✧ 128 MB 用户内存
- ✧ 16 路模拟量输入，同步采样，可配置为 IEPE 或 +-10V
- ✧ 每个通道 50k samples/s, 24bit ADC，每个通道采样可调节、启动、停止、触发
- ✧ 编码器输入(5V 或 24V) 最大频率 300 kHz，2 路高速计数器；12 种计数模式，包括绝对值 SSI (1 MHz)。
- ✧ 压缩的 WAV 文件自动传给 CPU，包括同步编码器信号
- ✧ 所有输入可用于 CPU I/O 镜像并即时执行
- ✧ Automation Builder 支持 CMS 控制库 和 WAV 文件处理
- ✧ 应用实例和信号处理库

6.1 数据

FM502-CMS 3ABD00038879	FM502-CMS
FM502-CMS 1SAP260400R0001	Function module. 16 AI. 2 DI. 2 DC. 1 Encoder (FM502-CMS)
TF501-CMS 1SAP117000R0271	Function module terminal base. Without slot for communication module. Ethernet interface (TF501-CMS)
TF521-CMS 1SAP117200R0271	Function module terminal base. 2 slots for communication module. Ethernet interface (TF521-CMS)