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SOFTLINK 300 PLC

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WE  
REINVENT  
AUTOMATION

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01

CERTIFICATIONS AND  
APPLICATION FIELDS

SOFTLINK offers the overall solutions for the equipment manufactures and system integrators. More than 5000 factories are using SOFTLINK products all over the world.



All products have the CE certifications  
Obtained ISO9001:2008 Quality System Certification  
Obtained dual software enterprise certification  
Obtained Shenzhen high-tech enterprise certification  
Obtained National high-tech enterprise certification

**CE** Standards  
EN 61000-6 ( emissions + immunity )  
IEC 61131 ( PLC and IPC )  
IEC 61800 ( drives )



APPLICATION  
FIELDS

OEM Industry

■ Textile Machinery

■ Packaging Machinery

■ Machine Tools

■ Hoisting Machinery

■ Medical Equipment

■ Food Machinery

■ HVAC

■ Rubber Machinery

■ Mining Machinery

■ Electronics Equipments

■ Printing Machinery

■ Plastic Machinery

■ Construction Machinery

■ Paper Machinery

■ Transportation Tool

Projects

# 02

## System Framework

It is inadequate that just realize single process or machine automation to enable enterprise remain competitive. Only the individual machine is integrated into the overall system, so that more flexibility and efficiency requirements can be achieved.

The flow of information between all machines is necessary to maintain the function of the whole system.

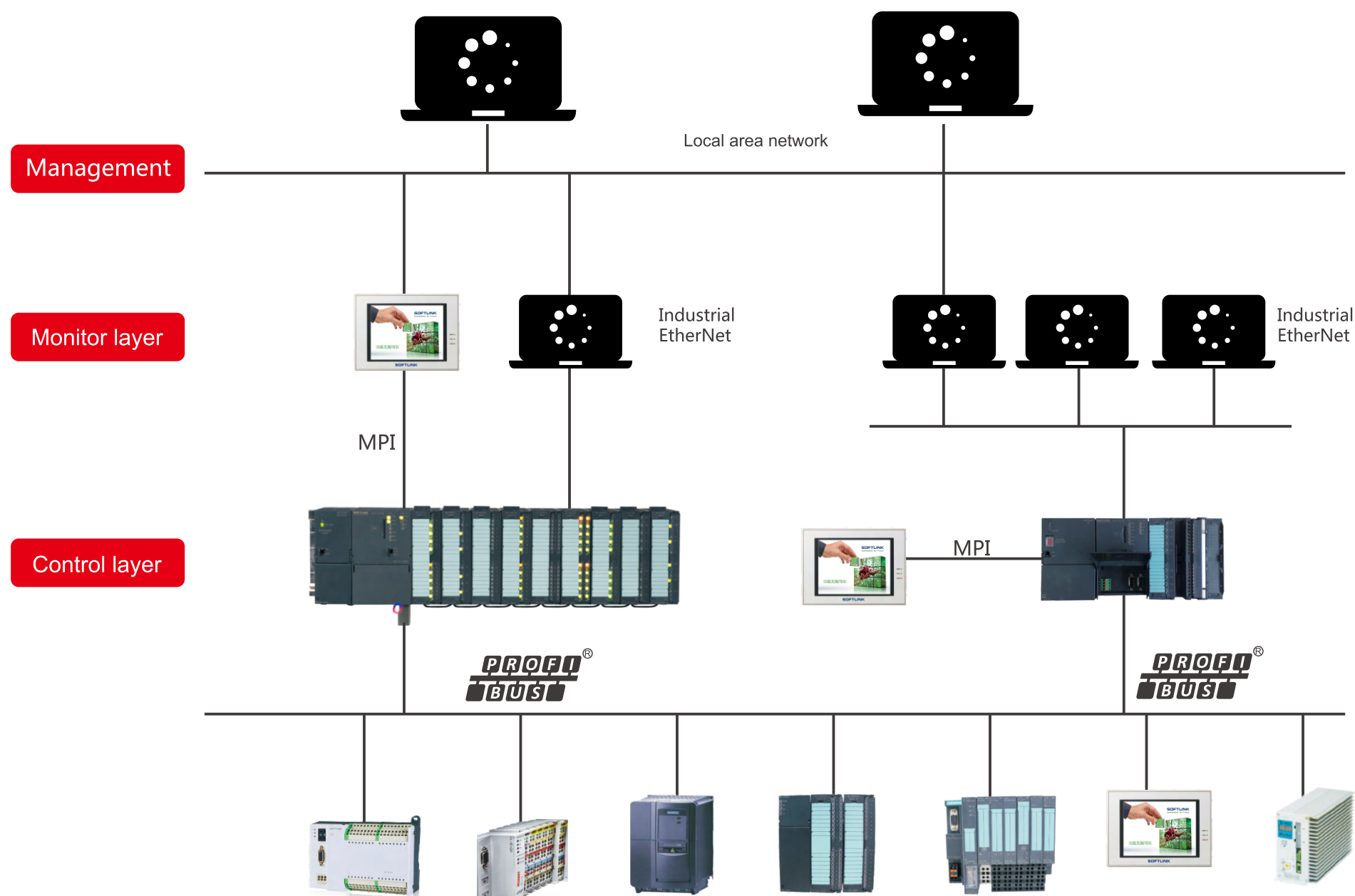
The productive process is no longer an independent process, but an integrated member of the entire one. The whole process is no longer the structure of centralized control, but a structure composed by a distributed and independent member.

Now it is ok to realize integration of the whole automation environment with the following technologies:

- Common configuration and programming of the single system
- Universal Data Management
- Common communications between the automated machine

We provide the following networking capabilities:

- Point-to-point connection
- MPI
- PROFIBUS





# 03

## SUMMARY OF SOFTLINK 300 PLC SYSTEM

### Flexible application:

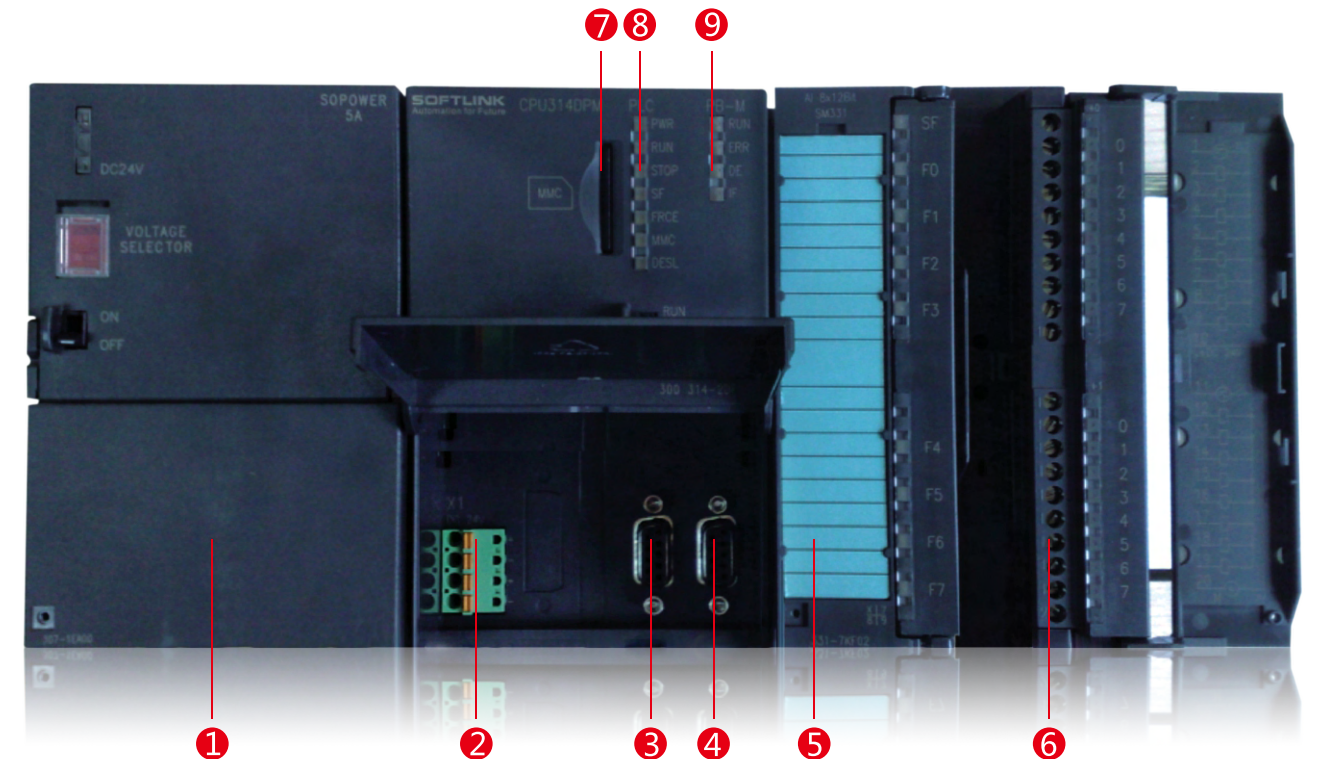
With distributed modular structure and Integration of a variety of network communication interfaces.

### Economical and practical:

When the control task increase, it is free to expand the I/O modules, and could be up to 32 pcs.

### Powerful:

With the integration of a variety of communication interface.



- ① Power Supply (optional)    ② 24DC Power Supply Terminal    ③ MPI Communication Interface    ④ DP Communication Interface  
⑤ I/O Module    ⑥ Front Connector    ⑦ MMC Card    ⑧ CPU Status Light    ⑨ DP Status Light

### Medium-sized modular PLC system – Meets medium performance requirements

#### System Components

##### Power supply module

For the CPU and signal modules power supply

##### CPU

With distributed modular structure and Integration of a variety of network communication interfaces, the application is more flexible. And it is free to expand the I/O modules up to 32 pcs.

##### Signal modules

These digital and analog modules with compact structure, simple assembly and convenient connections, are very competitive.

##### Interface extension module

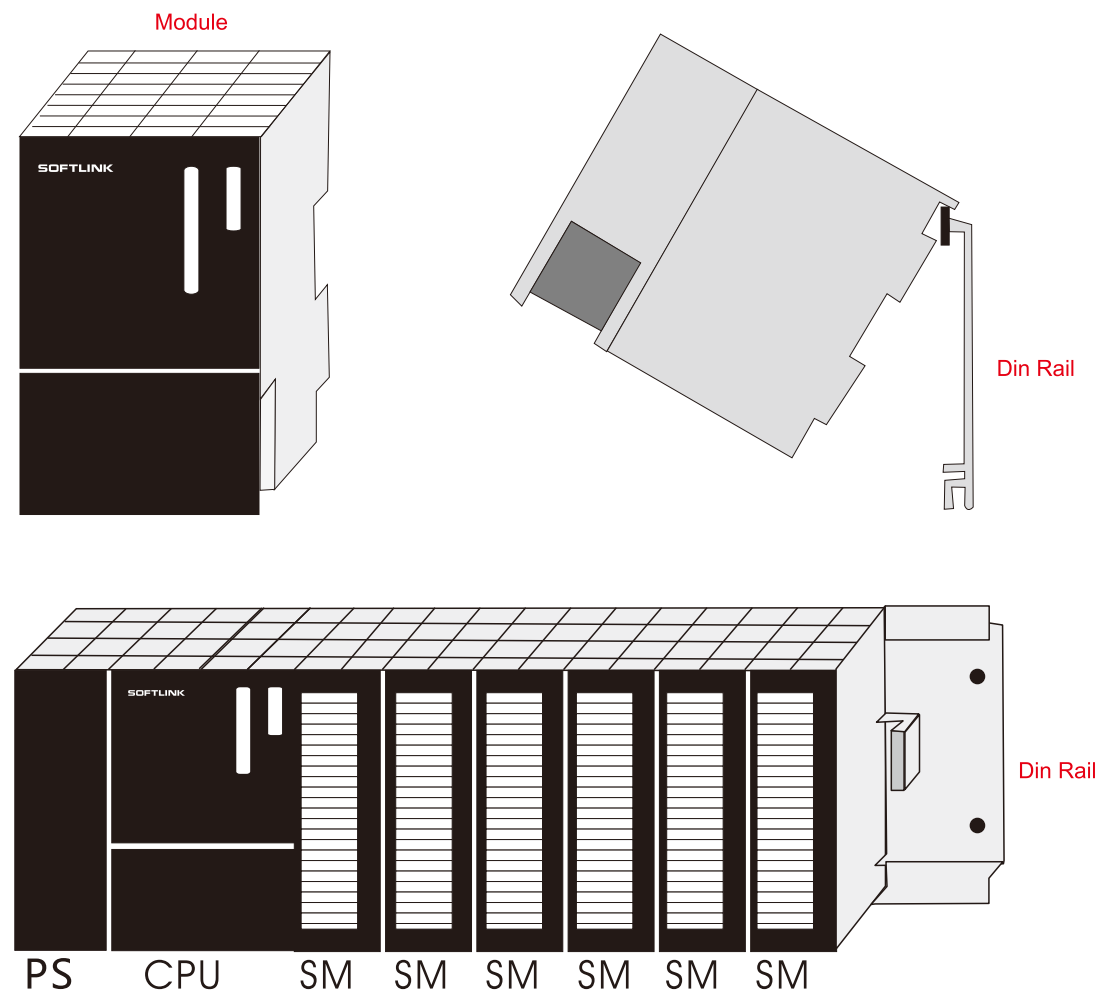
IM153, the interface module, could be used as Profibus-DP slave station. And each interface module could be connected with 29 digital modules or 9 analog modules.

##### Remote I/O modules

The Remote I/O modules which could collect site signals and communicate with the master station realize the function of controlling the field devices.

#### Structure

SOFTLINK 300 series medium-sized PLC, with modular and fanless design, is easier for customers to maintain.



## Installation

Modular design and simple structure makes SOFTLINK 300 easier to install and maintain.

Use DIN standard rail to install, hook the module in the rail, press the module in place, tighten the screws.

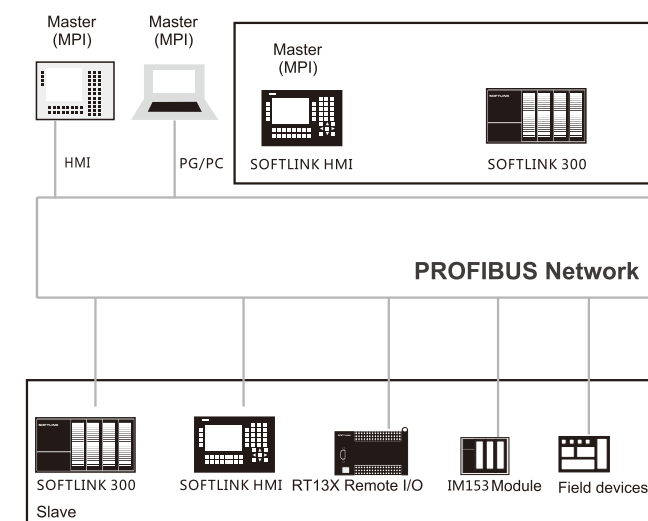
Integrated back plane bus. Modules are connected by the backplane bus connector.

Reliable connect terminals. Use screw-type front connector or spring-type front connector for signal module.

## Communication

Networking communication

SOFTLINK 300 CPU has PROFIBUS and MPI communication interfaces which could be used to connect HMI and upper computer.



## Process communication via Profibus

SOFTLINK 300 series PLC is connected to Profibus-DP network by Profibus-DP interface of the CPU. The CPU with master/slave interface could realize high speed and convenient distributed configuration.

Distributed I/O are just like centralized I/O. They have the same configuration, address and programming.

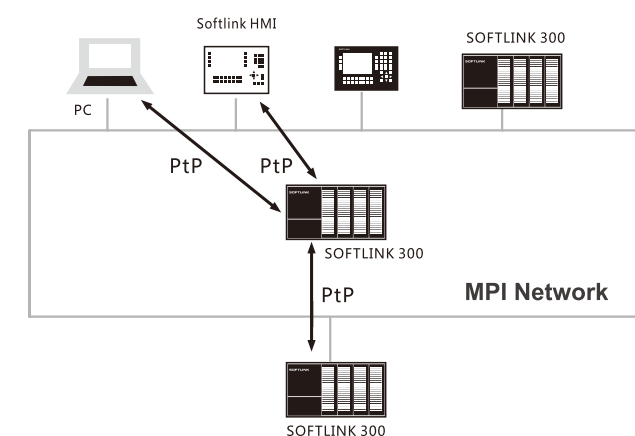
Master: SOFTLINK 300 CPU  
Slave: IM153 interface module  
RT13X remote I/O series  
SOFTLINK 300 series I/O

## Data communication via point-to-point

SOFTLINK 3000 CPU integrate PtP communication interface, to realize PtP communication with HMI.

## Data communication via MPI

MPI interface is integrated on the SOFTLINK 300 CPU. It could be used in simple networking. MPI could connect several CPUs, PCs, and HMIs, which are all with STEP 7 programming.



# 04

## SOFTLINK 300 Series

- SOFTLINK 300 CPU
- SOFTLINK 300 Digital Modules
- SOFTLINK 300 Analog Modules
- SOFTLINK 300 Bus Interface Module
- SOFTLINK 300 Isolation Modules
- Power Supply Modules
- PLC Accessories

PLC Based On STEP®7 Programming

### SOFTLINK 300 CPU

STEP®7 programming  
Instruction set is compatible with S7-300  
Built-in memory card, could work without card  
Integrate Profibus DP, MPI, PtP interface  
Support standard MMC card, up to 64M  
Main frame can be hung up to 32 modules  
Real-time clock function



Products	Order No.
CPU314 Profibus-DP Slave Station	300 314-1SL01
CPU315 Profibus-DP Master/ Slave Station	300 315-2DP01

### Technical Parameters

Order No.	300 314-1SL01	300 315-2DP01
Electrical parameters		
Power Supply L+	24V DC	24V DC
Current Consumption L+	1.2A	1.2A
Power Consumption	2W	2W
Supply current of the Backplane bus	3.5A	3.5A
Working Memory KB	96KB	192KB
Load Memory KB	144KB	256KB
Back-up Battery / Clock	Yes/Yes	Yes/Yes
Bit Memory	8192	8192
Timer / Counter	256/256	256/256
Maximum I / O Bytes	1024/1024 Bytes	1024/1024 Bytes
Bit/ Word Processing Time us	0.18/0.78	0.18/0.78
OB block	OB1/10/20/35/40/80/82/85/86/100/121/122	
Maximum Number of FB Block	1024	1024
Maximum Number of FC Block	1024	1024
Maximum number of DB block	2047	2047
First interface	MPI	MPI
Second interface	Profibus DP Slave Station	Profibus DP Master/Slave Station
Number of Local connection modules	32	32



SM321 Digital Input Modules

SOFTLINK 300 digital input modules are used in connecting switches and 2 lines proximity switches (BERO), transform the external digital signal level of the process into the S7-300 internal signal level. It has polarity reversal protection, and is safe to install.

Products	Order No.
SM321 , 16 Input 24V DC Floating	300 321-1BH02
SM321, 16 Input 24V DC Source Input	300 321-1BH50
SM321 32 Input 24V DC Floating	300 321-1BL00

Technical Parameters

Order NO.	300 321-1BH02	300 321-1BH50	300 321-1BL00
Number of Inputs	16	16 Inputs	32
Rated Input Voltage	24V DC	24V DC	24V DC
For “0” signal	0-5V	15-30V	0-5V
For “1” signal	15-30V	0-5V	15-30V
Input Delay	About 3ms	About 3ms	About 3ms
Input Current For “1” Signal	About 7mA	About 7mA	About 7mA
BERO Connection of 2-wire Initiator Permissible Quiescent Current	Max 1.5mA	Max 1.5mA	Max 1.5mA
Cable Length			
Unshielded	600m	600m	600m
Shielded	1000m	1000m	1000m
Current Consumption (Backplane Bus)	10mA	10mA	15mA
Power consumption	3.5W	3.5W	6.5W
Isolation Number of Packets	Opto-isolated, 8 A Group	Opto-isolated, 8 A Group	Opto-isolated, 8 A Group
Polarity Reversal Protection	Yes	Yes	Yes
Size(L×W×H)mm	40×125×120	40×125×120	40×125×120
Weight	About 220g	About 220g	About 220g
Front connector	20-pin	20-pin	40-pin



SM321 Digital Input/Output Modules

SOFTLINK 300 digital input/output modules are used in connecting switches and 2 lines proximity switches (BERO), transform the external digital signal level of the process into the CPU internal signal level.

Products	Order NO.
SM321 8 Inputs 120/230V AC	300 321-1FF01
SM321 16 Inputs 120/230V AC	300 321-1FH00

Technical Parameters

Order NO.	300 321-1FF01	300 321-1FH00
Number of Inputs	8	16
Rated Input Voltage	120/230V AC	120/230V AC
For “0” signal	0-40V	0-40V
For “1” signal	79-264V	79-264V
Frequency range	47-63Hz	47-63Hz
Input Delay	About 20ms	About 20ms
Input current for “1” signal	6.5mA(120V) 11mA(230V)	6.5mA(120V) 11mA(230V)
BERO Connection of 2-wire Initiator Permissible Quiescent Current	Max 2mA	Max 2mA
Cable Length		
Unshielded	600m	600m
Shielded	1000m	1000m
Current Consumption (Backplane Bus)	30mA	30mA
Power consumption	4W	4W
Isolation Number of Packets	Opto-isolated, 8 A Group	Opto-isolated, 8 A Group
Polarity Reversal Protection	Yes	Yes
Size(L×W×H)mm	40×125×120	40×125×120
Weight	About 240g	About 275g
Front connector	20-pin	20-pin





SM322 Digital Output Modules

SOFTLINK 300 digital output modules connect solenoid valves, contactors, small power motors, lights and motor starter; transform CPU internal signal level into external digital signal level.

Failure alarm, fault indicator for each byte output

Products	Order NO.
SM322 8 Output 24V DC floating	300 322-1BF01
SM322 16 Output 24V DC floating	300 322-1BH01
SM322 32Output 24V DC floating	300 322-1BL00

Technical Parameters

Order NO.	300 322-1BF01	300 322-1BH01	300 322-1BL00
Number of Output	8	16	32
Rated load Voltage	24V DC	24V DC	24V DC
Output Voltage	L+-0.8V	L+-0.8V	L+-0.8V
Maximum Output Current	2A	1A	1A
Minimum Output Current	5mA	5mA	5mA
Sum Current of Each Group	10A	10A	10A
Lamp Load	10W	5W	5W
Output Switching Frequency	Resistive 100Hz	Resistive 100Hz	Resistive 100Hz
	Inductive 0.5Hz	Inductive 0.5Hz	Inductive 0.5Hz

Cable Length			
Unshielded	600m	600m	600m
Shielded	1000m	1000m	1000m
Rated Load VoltageL+	30mA	30mA	30mA
Current Consumption (backplane bus)	40mA	80mA	110mA
Power consumption	6.8W	4W	5W
Isolation Number of Packets	Opto-isolated 4 A Group	Opto-isolated, 8 A Group	Opto-isolated, 8 A Group
Short-circuit Protection	Electronic	Electronic	Electronic
Polarity Reversal Protection	Yes	Yes	Yes
High Temperature Protection	Yes	Yes	Yes
Dimension(L×W×H)mm	40×125×120	40×125×120	40×125×120
Weight	About 200g	About 220g	About 250g
Front connector	20-pin	20-pin	40-pin



SM322 Relay Output Modules

SOFTLINK 300 relay output modules connect solenoid valves, contactors, small power motors, lights and motor starter; transform CPU internal signal level into external digital signal level.Failure alarm, fault indicator for each byte output

Products	Order NO.
SM322 8 Relay Output floating	300 322-1HF01
SM322 16 Relay Output floating	300 322-1HH01
SM322 16 Relay Output Dry Contact	300 322-1HH50

Technical Parameters

Order NO.	300 322-1HF01	300 322-1HH01	300 322-1HH50
Number of Output	8	16	16
Rated Output Voltage	24-230V AC	24-230V AC	24-230V AC
	24-120V DC	24-120V DC	24-120V DC
Output Switching Frequency	Resistive 2Hz	Resistive 1Hz	Resistive 1Hz
	Inductive 0.5Hz	Inductive 0.5Hz	Inductive 0.5Hz

Maximum Output Current			
Resistive Load	2A(230V AC), 2A(24V DC)	2A(230V AC), 2A(24V DC)	2A(230V AC), 2A(24V DC)
Inductive Load	2A(230V AC), 2A(24V DC)	2A(230V AC), 2A(24V DC)	2A(230V AC), 2A(24V DC)
Life	200000 2A 230V AC 24V DC		
Sum Current of Each Group	5A	8A	2A

Cable Length			
Unshielded	600m	600m	600m
Shielded	1000m	1000m	1000m
No-load Current ConsumptionL+	110mA	250mA	250mA
Current Consumption (backplane bus)	40mA	100mA	100mA
Power consumption	2.2W	5W	6W
Isolation Number of Packets	Isolation 2 A Group	Opto-isolated, 8 A Group	Isolation 1 A Group
Polarity Reversal Protection	Yes	Yes	Yes
Dimension(L×W×H)mm	40×125×120	40×125×120	40×125×120
Weight	About 190g	About 250g	About 250g
Front connector	20-pin	20-pin	40-pin



SM323 Digital Input/Output Modules

SOFTLINK 300 digital I input/output modules connect switches, 2 lines proximity switches (BERO), solenoid valves, contactors, small power motors, lights and motor starter, transform the external digital signal level of the process into the S7-300 internal signal level ,and then transform S7-300 internal signal level into external digital signal level. Failure alarm, fault indicator for each byte output

Products	Order NO.
SM323 8 Input /8 Output 24V DC floating	300 323-1BH01
SM323 16 Input /16 Output 24V DC floating	300 323-1BL00

Technical Parameters

Order NO.	300 323-1BH01	300 323-1BL00
Number of Input/Output	8/8	16/16
Rated Input / Load Voltage	24V DC	24V DC
For “0” signal	0-5V	0-5V
For “1” signal	15-30V	15-30V
Input Delay	About 3ms	About 3ms
Input current for “1” signal	About 7mA	About 7mA
Permissible quiescent current of BERO connection of 2-wire initiator	Max 1.5mA	Max 1.5mA
Maximum Output Current	1A	1A
Sum Current of Each Group	10A	10A
Output Switching Frequency	Resistive 100Hz	Resistive 100Hz
	Inductive 0.5Hz	Inductive 0.5Hz
Current Consumption (Backplane Bus)	40mA	80mA
Power consumption	3.5W	6W
Isolation Number of Packets	Opto-isolated, 8 A Group	Opto-isolated, 8 A Group
Polarity Reversal Protection	Yes	Yes
Dimension(L×W×H)mm	40×125×120	40×125×120
Weight	About 220g	About 260g
Front connector	20-pin	40-pin



SM331 Analog Input Modules

SOFTLINK 300 analog input modules connect voltage and current sensor, resistance, inductance, thermocouple, thermal resistance, and transform analog signal into digital signal.

It has polarity reversal protection, and is safe to install. Parameters could be set in hardware configuration (doesn't need hardware jumper).Set error lights for diagnostic alarm and error LEDs for per channel.

Products	Order NO.
SM331 8 Input Multi-function Analog Inputs	300 331-7KF02
SM331 16 Input Multi-function Analog Inputs	300 331-1KF02

Technical Parameters

Order NO.	300 331-7KF02	300 331-1KF02
Input Channels	8	8
For Resistance Measurement	4	8
Supply Voltage L+	24V DC	
Input Range		
Voltage	±80mV ±250mV ±500mV ±1V 10MΩ	±50mV ±500mV ±1V 100MΩ ±5V ±10V 0-10V
	±2.5V ±5V ±10V 1-5V 100KΩ	1-5V 100KΩ
Current	±3.2mA ±10mA ±20mA 0-20mA 4-20mA 50Ω	±20mA 0-20mA 4-20mA 100Ω
Resistance/Thermal Resistance	150Ω 300Ω 6000Ω Pt100 Ni100 10MΩ	0.....600Ω 0.....6KΩ Pt100 Ni100 Ni1000 100MΩ
Thermocouple	E N J K L 10MΩ	
Resolution	9/12/12/14位 400/60/50/10Hz	13位 60/50Hz
Basic Error Limit At 25℃	0.6%	0.6%
Process Alarm	Configurable	
Diagnostic Alarm	Configurable	
Temperature Compensation	Internal Compensation	
Signal Shielded Cable Length	200m	200m
Current Consumption (Backplane Bus)	100mA	200mA
Power consumption	3W	1W
Isolation	Opto-isolated	Opto-isolated
Polarity Reversal Protection	Yes	
Dimension(L×W×H)mm	40×125×120	40×125×120
Weight	About 250g	About 250g
Front connector	20-pin	40-pin



SM331 Analog Input Modules

SOFTLINK 300 analog input modules connect voltage thermocouple, thermal resistance, and transform analog signal into PLC internal digital signal.

Programmable diagnostics and diagnostic interrupt, programmable hardware interrupt when limit.

Products	Order NO.
SM331 4 Resistance Input	300 331-PT100
Technical Parameters	
Order NO.	300 331-PT100
For Resistance Measurement	4
Power SupplyL+	24V DC
Input Range	
Resistance	150Ω 300Ω 600Ω Pt100 Ni100
Thermocouple	E N J K L
Resolution	9/12/12/14位 400/60/50/10Hz
Basic Error Limit At 25°C	0.6%
Diagnostic Interrupt	Programmable
Diagnostic Function Group Error	Red LED SF
Temperature Compensation	Internal Compensation
Signal Shielded Cable Length	200m
Current Consumption (Backplane Bus)	50mA
Power consumption	1W
Isolation	Opto-isolated
Polarity Reversal Protection	Yes
Dimension(L×W×H)mm	40×125×120
Weight	About 250g
Front connector	20-pin



SM331 Analog Input Modules

SOFTLINK 300 analog input modules connect two-wire current and transform analog signal into PLC internal digital signal.

Programmable diagnostics and diagnostic interrupt, programmable hardware interrupt when limit.

SOFTLINK 300 digital input modules could be integrated with S7-300 and VIPA 300A system.

Products	Order NO.
SM331 8 Current Input	300 331-4MA20
Technical Parameters	
Order NO.	300 331-4MA20
Input Channels	8
Power SupplyL+	24V DC
Input Range	
Current	Two-wire4-20mA 50Ω
Resolution	9/12/12/14位 400/60/50/10Hz
Basic Error Limit At 25°C	0.6%
Diagnostic Interrupt	Programmable
Diagnostic Function Group Error	Red LED SF
Temperature Compensation	Internal Compensation
Signal Shielded Cable Length	200m
Current Consumption (Backplane Bus)	50mA
Power consumption	1W
Isolation	Opto-isolated
Polarity Reversal Protection	Yes
Dimension(L×W×H)mm	40×125×120
Weight	About 250g
Front connector	20-pin





SM332 Analog Output Modules

SOFTLINK 300 analog output modules connect analog actuators, and transform PLC internal digital signal into analog signal for process.

It has polarity reversal protection, and is safe to install. Set error lights for diagnostic alarm and error LEDs for per channel.

Products	Order NO.
SM332 4 Analog Output	300 332-5HD01
Technical Parameters	
Order NO.	300 332-5HD01
Output Channels	4
Power SupplyL+	24V DC
Output Range	
Voltage	±10V 1-5V 0-10V
Current	0-20mA 4-20mA ±20mA
Resolution	11 bits+ symbol bit ±10V ±20mA 12 bits 1-5V 0-10V 0-20mA,4-20mA
Basic Error Limit at 25°C	0.5%
Diagnostic Alarm	Configurable
Signal Shielded Cable Length	80m
Current Consumption (Backplane Bus)	120mA
Power consumption	3W
Isolation	Opto-isolated
Polarity Reversal Protection	Yes
Domension(L×W×H)mm	40×125×120
Weight	About 250g
Front connector	20-pin

IM153 Bus Interface Module

Im153 could be used as Profibus-DP slave via IM153 interface



Products	Order NO.
IM153 Profibus-DP Slave Interface Module	300 153-1AA03
Technical Parameters	
Order NO.	300 153-1AA03
Power Supply	
Input Voltage	24V DC
Input Current	MAX 800mA
Output Voltage	For Backplane Bus DC5V
Output Current	For Backplane Bus 3.5A
Communication Function	
Bus Protocol	Profibus DP
Connector	9 Pins SUB-D Female Connector
Transmission Rate	9.6KB~12MB Rate Automatic Detection
Site Address	
Hardware Configuration	
The Maximum Number of Each Slave Interface Module	
Digital Module	29
Analog Module	9
Isolation	Isolation Voltage 500V
Temperature	0-55°C Natural Ventilation
Protection Class	Ip20
Dimension L×W×H, mm	80×125×120
Weight	170g



SOFTLINK 300 ISO Current Isolation Module

SOFTLINK/ISO series signal isolation modules are widely used in measuring instruments, petroleum, chemical, metallurgy, process control of the power system. This series meet the needs of standard analog DC voltage, DC current signal isolation and conversion. Product use electromagnetic isolation technology, with good temperature drift characteristics and linearity, accuracy class 0.1%F.S., can withstand 2500VDC isolation voltage, direct installation in the standard 300 series rail. Product has 4 isolated channels, each channel independently isolated. Corresponding port has a channel status indicator, convenient for the customers to debug, use, and on-site maintenance. Modular design is for easy wiring, easy to install.

Products	Order NO.
4 Input/4 Output Signal Isolation(Current)	300 ISO-4C

Technical Parameters

Order NO.	300 ISO-4C
Accuracy Class	0.1%F.S.
Linearity Level	0.1%F.S.
Temperature Drift	0.0035%F.S./°C
Dielectric Strength	2.5KVDC(1 minute, leakage current less than 1mA, humidity <70%)
Frequency Response	15KHZ
Insulation Resistance	100M 500VDC Signal Input Terminal, Signal Output Terminal Current Input Terminal, Isolation Voltage Output Terminal
Auxiliary Power	24V
Temperature	-25~71°C
Ambient Temperature	10~90%(No Condensation)
Dimension L×W×H mm	40X125X20
Product Reliability	MTBF>500,000 Hours
Environment	No use in the dust, strong vibration and strong corrosion environment



SOFTLINK 300 ISO Voltage Isolation Module

SOFTLINK/ISO series signal isolation modules are widely used in measuring instruments, petroleum, chemical, metallurgy, process control of the power system. This series meet the needs of standard analog DC voltage, DC current signal isolation and conversion. Product use electromagnetic isolation technology, with good temperature drift characteristics and linearity, accuracy class 0.1%F.S., can withstand 2500VDC isolation voltage, direct installation in the standard 300 series rail. Product has 4 isolated channels, each channel independently isolated. Corresponding port has a channel status indicator, convenient for the customers to debug, use, and on-site maintenance. Modular design is for easy wiring, easy to install.

Products	Order NO.
4 Input/4 Output Signal Isolation(Voltage)	300 ISO-4V

Technical Parameters

Order NO.	300 ISO-4V
Accuracy Class	0.1%F.S.
Linearity Level	0.1%F.S.
Temperature Drift	0.0035%F.S./°C
Dielectric Strength	2.5KVDC(1 minute, leakage current less than 1mA, humidity <70%)
Frequency Response	15KHZ
Insulation Resistance	100M 500VDC Signal Input Terminal, Signal Output Terminal Current Input Terminal, Isolation Voltage Output Terminal
Auxiliary Power	24V
Temperature	-25~71°C
Ambient Temperature	10~90%(No Condensation)
产品尺寸 L×W×H mm	40X125X20
Product Reliability	MTBF>500,000 Hours
Environment	No use in the dust, strong vibration and strong corrosion environment



SOPOWER

SOPOWER is dedicated power supply 24V DC voltage for PLC SOFTLINK 300

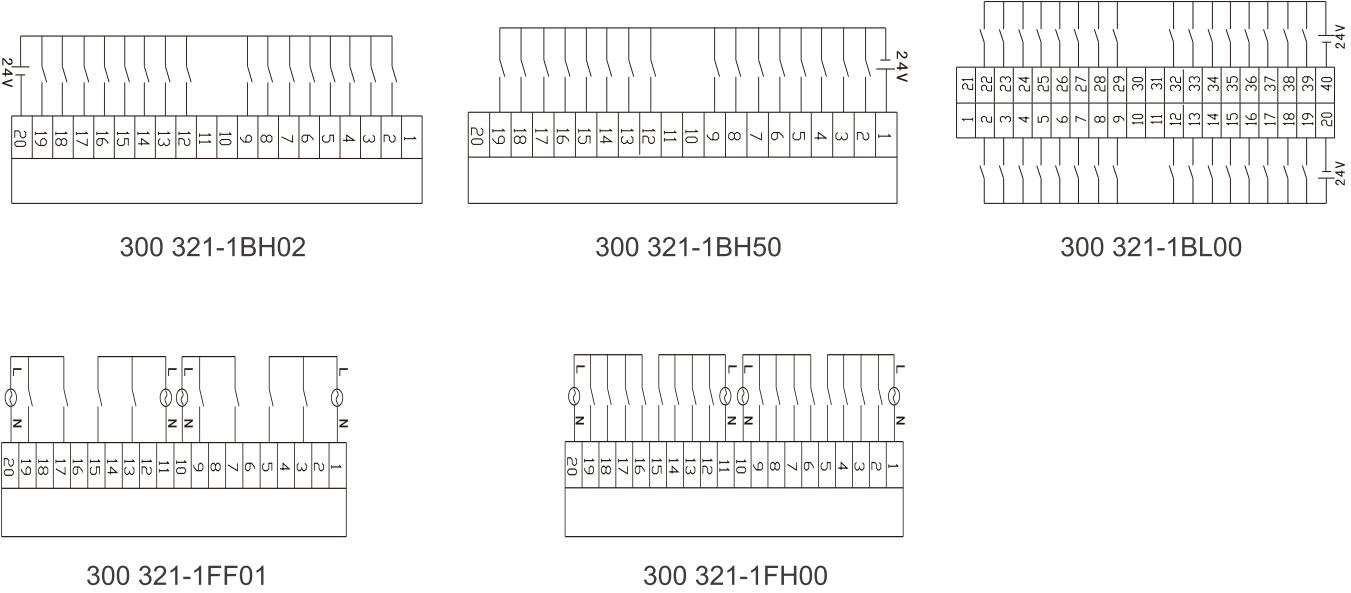
Products	Order NO.
PS307 2.5A	300 307-1BA00
PS307 5A	300 307-1EA00
PS307 10A	300 307-1KA01

Technical Parameters

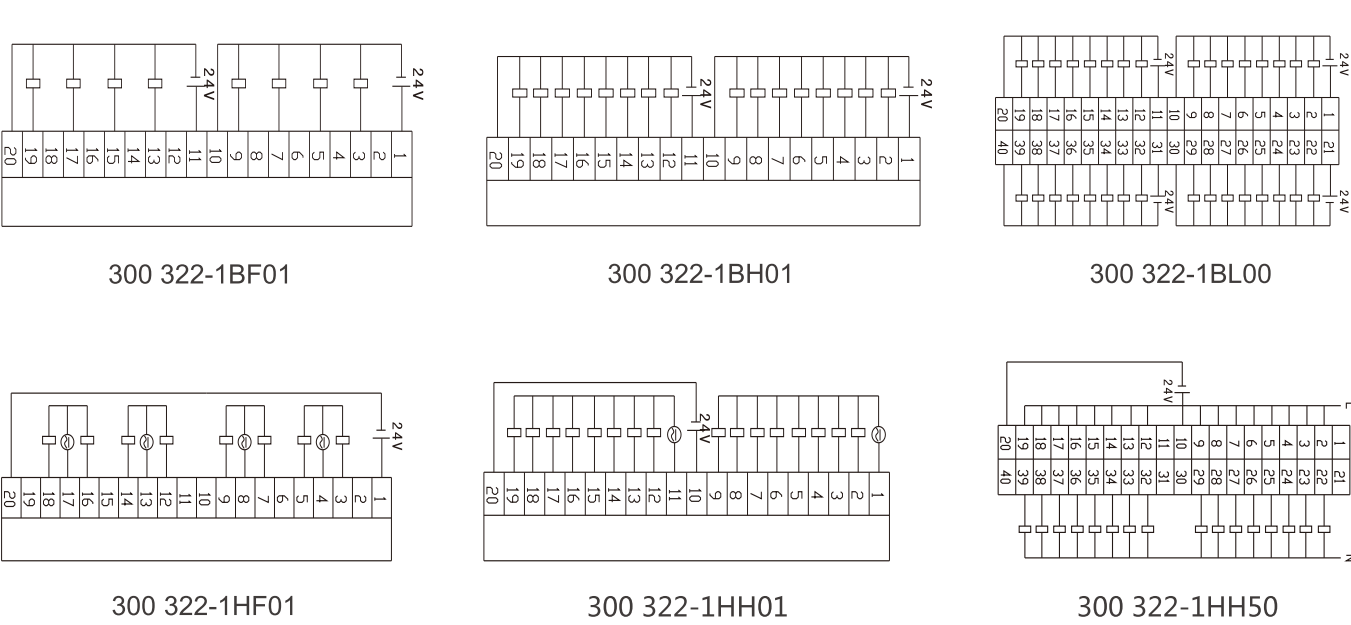
Order NO.	300 307-1BA00	300 307-1EA00	300 307-1KA01
Rated Input Voltage	100-240V AC	120/230V AC	120-230V AC
Rated Intput Frequency	50/60Hz	50/60Hz	50/60Hz
Rated Input Current	1.5A MAX 90V AC	2.1A /1.2A	4.1A/2.1 A
Rated Output Voltage	24V Dc±3%	24V Dc±3%	24V Dc±3%
Rated Outtput Current	2.5A	5A	10A
Residual Ripple	<150mVpp	<150mVpp	<150mVpp
Surge Current	<30A< 3ms	<45A< 3ms	<55A< 3ms
Efficiency at rated output	About 83%	About 87%	About 90%
Output over-voltage protection	Additional control circuit, approximately 30V shutdown, auto-restart		
Current limit	2.75-3.4A	5.5-6.5A	11-13A
Short-circuit Protection	Electronic shutdown, auto-restart	Electronic shutdown, auto-restart	Electronic shutdown, auto-restart
Isolated main stage / secondary	Isolated, SELV output voltage meets EN60.50		
CE certification	Yes	Yes	Yes
Protect Level	IP20	IP20	IP20
Ambient Temperature Range	0-55℃ Natural ventilation	0-60℃ Natural ventilation	0-60℃ Natural ventilation
Dimension L×W×H mm	50×125×120	80×125×120	120×125×120
Weight	About 420g	About 740g	About 1100g
Installation	300 System Rail	300 System Rail	300 System Rail

SOFTLINK 300 Wiring Diagram of Modules

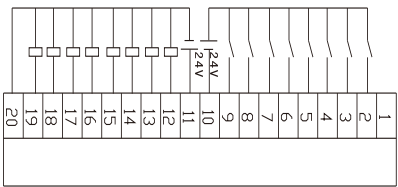
321Wiring Diagram of Modules



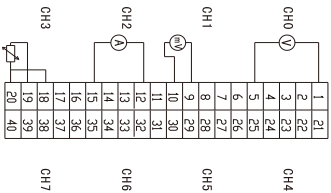
322Wiring Diagram of Modules



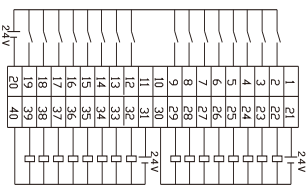
323Wiring Diagram of Modules



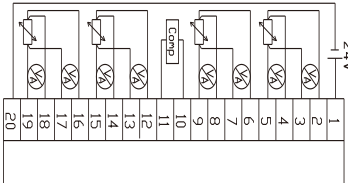
300 323-1BH01



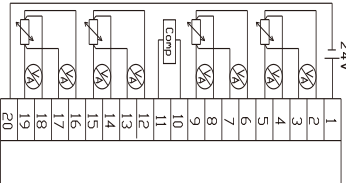
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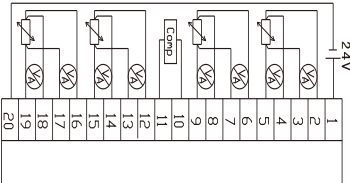
300 323-1BL00



300 331-7KF02

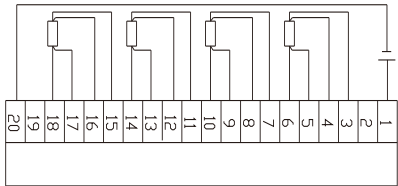


300 331-PT100



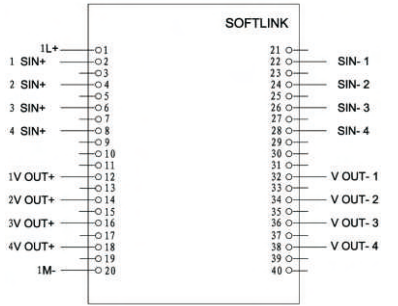
300 331-4MA20

332Wiring Diagram of Modules

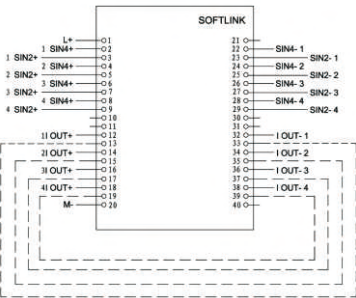


300 332-5HD01

ISO Wiring Diagram of Modules



300 ISO-4V



300 ISO-4C

Adapter

MPILINK-USB

MPILINK-USB realizes the transform from USB to MPI, for programming. MPILINK-USB has a MPI connecting cable about 1.2m length, which can be directly inserted into the CPU socket of the PLC, or any point MPI network

MPILINK-USB shell contains USB slot of the B type. MPILINK-USB could be connected with PC by USB cable. PC supply voltage for MPILINK-USB. MPILINK-USB could be used in any position of MPI station.

Supply a drive containing a virtual serial communication interface.

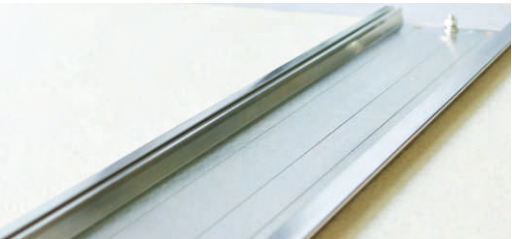
Products	Order NO.
MPI Adapter    USB Interface	MPILINK-USB

Front Connector



Products	Order NO.
20-pin front connector	300 392-1AJ00
40-pin front connector	300 392-1AM00
Buckle-type 40-pin front connector	300 392-1BM01
Pre-wired 20-pin front connector	300 392-1AJ10B
Pre-wired 40-pin front connector	300 392-1AM10B

Rail



Products	Order NO.
Rail 160mm	300 390-1AB60
Rail 320mm	300 390-1AD20
Rail 482mm	300 390-1AE80
Rail 530mm	300 390-1AF30
Rail 830mm	300 390-1AJ30
Rail 482mm	300 195-1GA00
Active Rail 530mm	300 195-1GF30
Active Rail 600mm	300 195-1GG00
Active Rail 620mm	300 195-1GG20

05

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SOFTLINK offers the overall solutions for the equipment manufactures and system integrators. More than 5000 factories are using SOFTLINK products all over the world

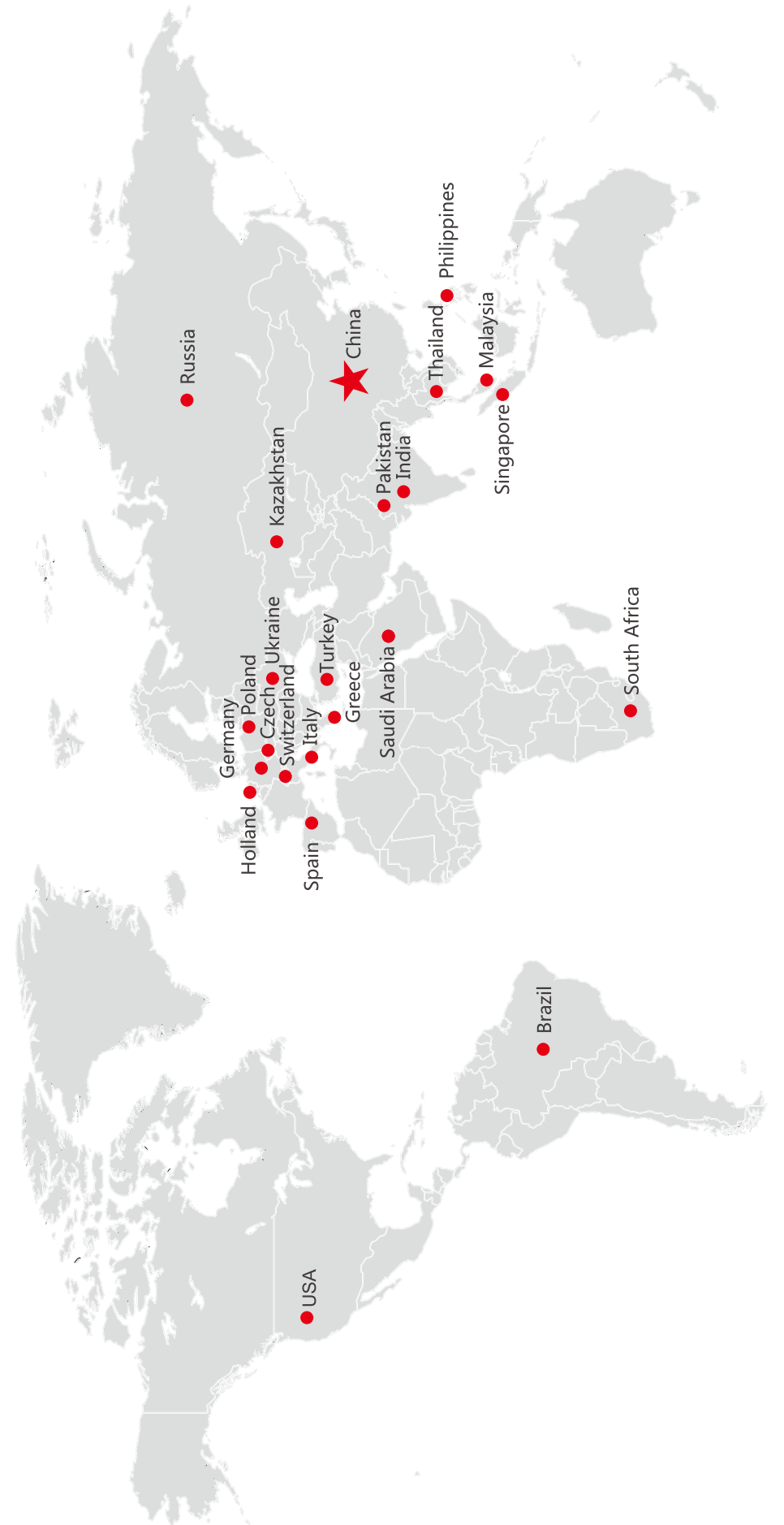
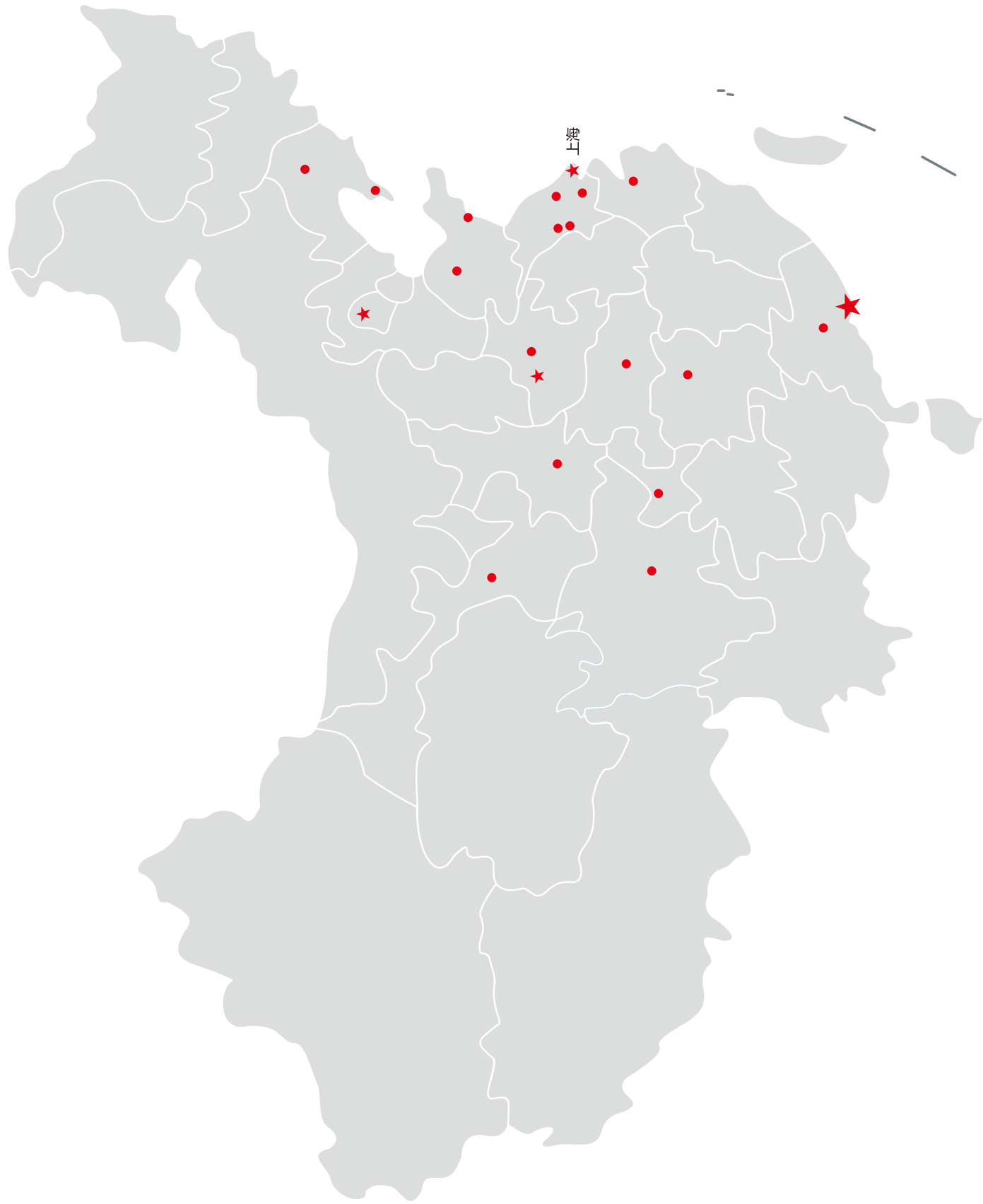
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Products	Order NO.
SOFTLINK 300 CPU	
CPU314 Profibus-DP Slave Station	300 314-1SL01
CPU315 Profibus-DP Master/ Slave Station	300 315-2DP01
SOFTLINK 300 Modules	
SM321 , 16 Input 24V DC Floating	300 321-1BH02
SM321, 16 Input 24V DC Source Input	300 321-1BH50
SM321 32 Input 24V DC Floating	300 321-1BL00
SM321 8 Inputs 120/230V AC	300 321-1FF01
SM321 16 Inputs 120/230V AC	300 321-1FH00
SM322 8 Output 24V DC floating	300 322-1BF01
SM322 16 Output 24V DC floating	300 322-1BH01
SM322 32Output 24V Dc floating	300 322-1BL00
SM322 8 Relay Output floating	300 322-1HF01
SM322 16 Relay Output floating	300 322-1HH01
SM322 16 Relay Output Dry Contact	300 322-1HH50
SM323 8 Input /8 Output 24V DC floating	300 323-1BH01
SM323 16 Input /16 Output 24V Dc floating	300 323-1BL00
SM331 8 Input Multi-function Analog Inputs	300 331-7KF02
SM331 8 Input Multi-function Analog Inputs	300 331-1KF02
SM331 4 Resistance Input	300 331-PT100
SM331 8 Current Input	300 331-4MA20
SM332 4 Analog Output	300 332-5HD01
IM153 Profibus-DP Slave Interface Module	300 153-1AA03
4 Input/4 Output Signal Isolation(Current)	300 ISO-4C
4 Input/4 Output Signal Isolation(Voltage)	300 ISO-4V
SOFTLINK 300 Power Supply	
PS3072.5A	300 307-1BA00
PS3075A	300 307-1EA00
PS30710A	300 307-1KA01

Products	Order NO.
SOFTLINK Adapter	
MPI AdapterUSB Interface	MPILINK-USB
SOFTLINK Front Connectors	
20-pin front connector	300 392-1AJ00
40-pin front connector	300 392-1AM00
Buckle-type 40-pin front connector	300 392-1BM01
Pre-wired 20-pin front connector	300 392-1AJ10B
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SOFTLINK Rail	
Rail 160mm	300 390-1AB60
Rail 320mm	300 390-1AD20
Rail 482mm	300 390-1AE80
Rail 530mm	300 390-1AF30
Rail 830mm	300 390-1AJ30
Rail 482mm	300 195-1GA00
Active Rail 530mm	300 195-1GF30
Active Rail 600mm	300 195-1GG00
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