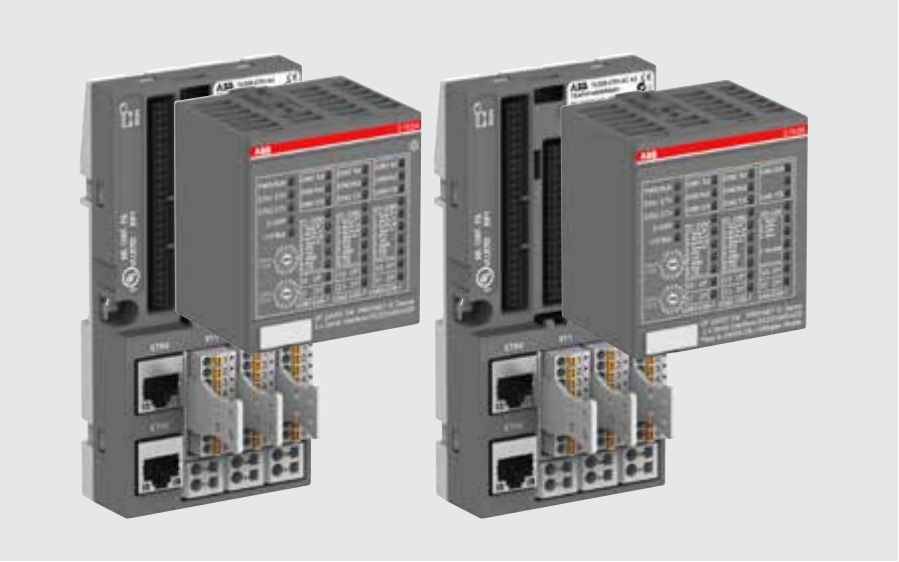
PLC AUTOMATION

PROFINET IO RT Gateway modules

Ethernet-to-serial and CANopen interfaces



CI504 and **CI506** enable the seamless integration of additional serial and CAN interfaces into the AC500 configuration.
The modules can be positioned near the terminal device using the PROFINET fieldbus. The advantages are shorter serial cables, simplified wiring, increased reliability and saved time.

CI504
Three serial interfaces with the physical layer RS232, RS422 or RS485 can be configured for ASCII.

CI506
Two serial interfaces as CI504 plus one CAN interface with CAN2A/CAN2B and CANopen.

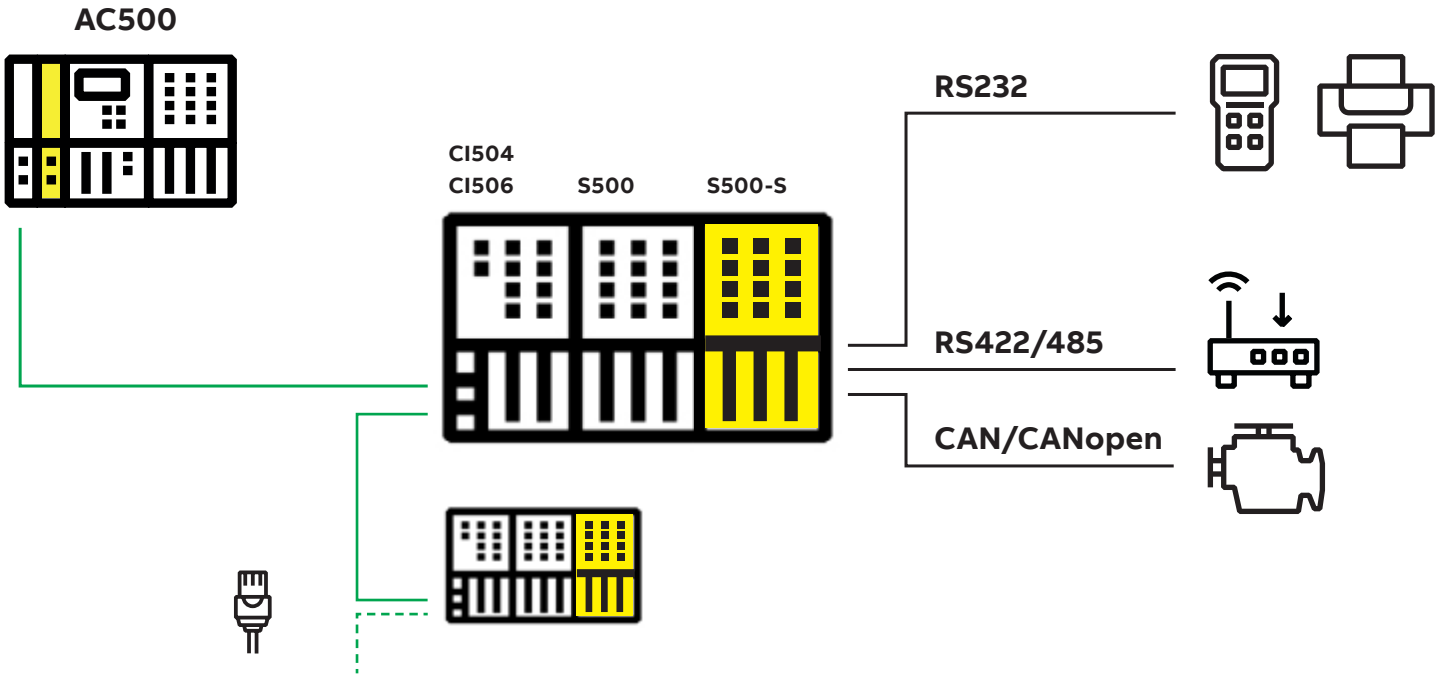
Ethernet ports to be used as switches or for daisy chaining with the MRP client protocol to support redundant ring topology (external switch needed).

Module diagnosis by means of standard PROFINET messages.

Status LEDs indicate the module status for the serial and CAN interfaces.

Type	Interface	Order code	Weight (1 pce) kg
CI504-PNIO	3 x RS232/422/485 ASCII serial interface	1SAP221300R0001	0.200
CI504-PNIO-XC		1SAP421300R0001	0.200
CI506-PNIO	2 x RS232/422/485 ASCII serial interface 1x CAN 2A/2B or CANopen Master	1SAP221500R0001	0.200
CI506-PNIO-XC		1SAP421500R0001	0.200
TU520-ETH	Terminal unit	1SAP214400R0001	0.300
TU520-ETH-XC		1SAP414400R0001	0.300

Parametrization
ABB Ability™ Automation Builder is used for integrating the CI504/506 serial and CAN interfaces into the application by means of function blocks as well as for setting the PROFINET module parameters.



- Point to point to scanners or readers
- CAN2A/CAN2B and CANopen
- Versions for extended operating temperature from -40 °C up to +70 °C
- Printer applications via serial interface
- ASCII send and receive function blocks
- Expandable with up to 10 S500 or S500-S (Safety) I/O modules

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