

# PLCmodule-C14

**COMPACT &  
POWERFUL  
PLC SOLUTION**

## Order Information

phyPS-412-Z3 PLCmodule-C14 -RS232  
phyPS-412-Z4 PLCmodule-C14 -CANopen  
phyPS-412-Z5 PLCmodule-C14 -Ethernet

**SYS TEC**  
ELECTRONIC



## PLCmodule-C14 series

The universal high performance, compact PLC

### Where Embedded meets IEC 61131-3

The PLCmodule-C14 is a high-performance and versatile compact PLC. It has a number of communications interfaces and a large selection of industry-proven inputs and outputs.

The PLC is programmable according to IEC 61131-3 and is fully integrated into the OpenPCS programming environment. Two independently utilizable CAN-bus interfaces are available for communication on field-bus level. Two CAN-bus interfaces and the Ethernet interface provide fast access for process data exchange, programming, debugging and visualization via OPC.

All I/O states as well as the module status are concisely displayed via LEDs. No special tools required for basic device configuration. An integrated command shell handles extended device configuration (configuration of IP address, CAN interfaces ect.) and diagnosis.

There are several versions of the PLCmodule-C14 available; Choose from RS232, CAN-bus or Ethernet for access to the PLC. An OPC server is included in the OpenPCS programming environment, providing access to variables on the PLC.

### Unlimited options

The PLCmodule-C14 provides a high-grade of modularity in spite of its compact design. The consistent separation of CPU and I/O functionality makes possible an easy and most cost-effective customization. A custom I/O design becomes very attractive, even on smaller series. Compared to a modular system design, a customized compact module offers potential savings at financial as well as logistics. A compact solution also considerably simplifies the complexity of the automation system without waiving the functionality and comfort of a modular solution.

### Key Features

Fully IEC 61131-3 compliant, in-application programmable control  
512 KIB PLC program memory

Large selection of standard industry I/Os on removable terminal blocks

Two independent CAN interfaces

Ready-to-use CANopen master

Ethernet interface for remote programming, debugging and visualization

Three RS 232 interfaces, of these one fully modem-capable with all control lines

Comprehensive CANopen library for IEC 61131, complete CANopen Master functionality including

Easy incorporation of network variables for process data communication

Runtime optimization by native-code generation

Native (C-Code) extension to include own high-performance and interrupt capable functionality into the PLC program

**Designed  
For:**

**Medical equipment**

**High-speed measurement  
and monitoring devices**

**Machine controls**

