

# CAN-CSC515

## CAN - S5-PLC Interface Module

- Direct interface between PLC and CAN I/O modules
- Decentralized connection of analog and digital data to PLC
- Higher Level Protocol Master

### PLC Connection

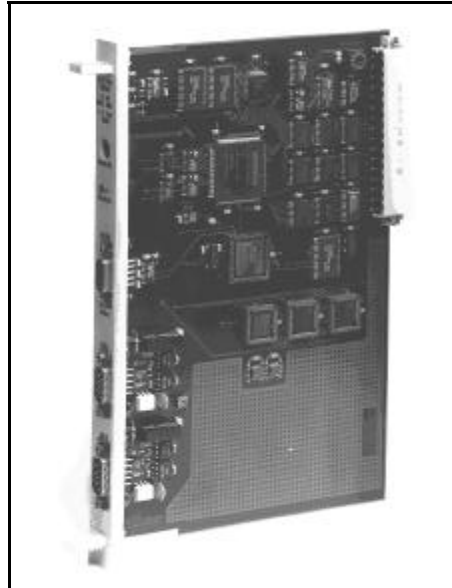
The communication processor CAN-CSC515 enables a direct interface between SIEMENS PLCs of types S5-115U, S5-135U or S5-155U respectively and CAN I/O modules or other CAN users.

With this it is also possible to perform a fast process data connection to VMEbus or PC based systems or to other PLC units.

To the PLC programmer the module offers a total process data transparency. There are no additional functions or data components necessary, so PLC programs run as usual.

### CAN Microcontroller

The CAN-CSC515 operates with the high performance microcontroller C167C with integrated CAN controller and guarantees

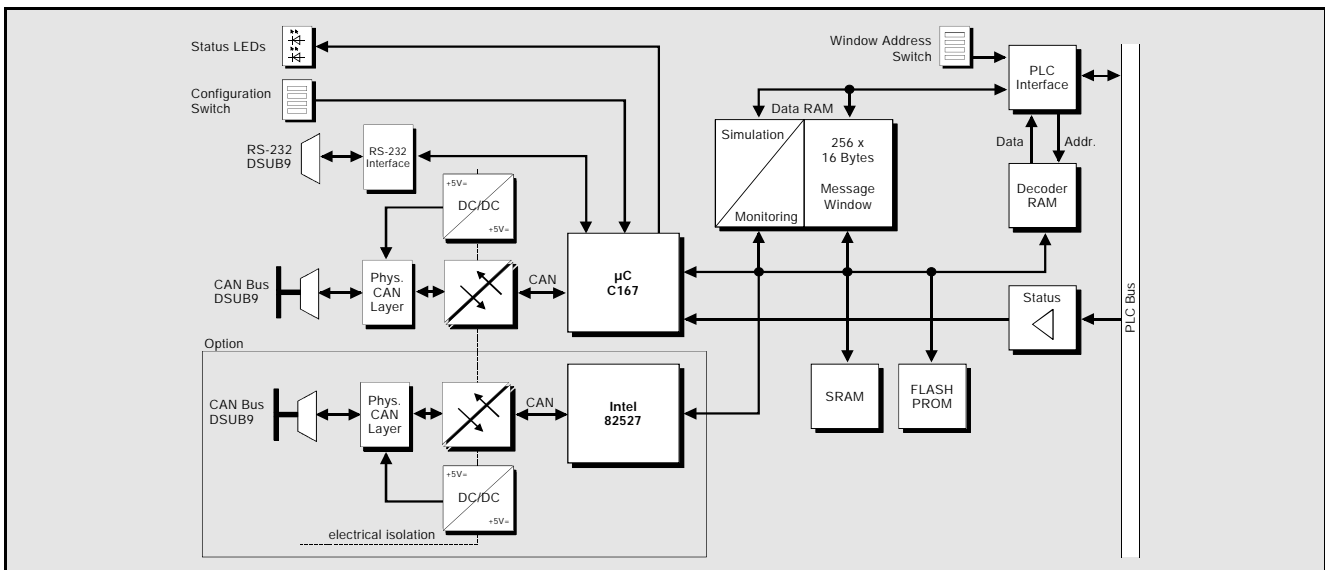


a bit rate of 1 Mbit/sec with no loss of data, even if the C167C is operating as a high level protocol master. Integrated firmware for CANopen, SDS or DeviceNet is available.

Physical CAN layer is according to ISO 11898. The bit rate as well as all CAN identifiers can be set via the CAN bus or via the local RS-232 interface by means of the software.

The configuration - even of other CAN modules - can be done via the RS-232 service interface, too. An automatic configuration of other CAN modules (after power on) is possible as well. The settings are stored in the local EEPROM.

A special feature of the CSC515 is the 'monitoring mode'. Working in this mode the CSC515 is able to monitor all PLC bus data and distribute it via CAN.



### Technical Specifications:

<b>PLC interfacing:</b>	
PLC type:	SIEMENS S5-115U, S5-135U, S5-155U
Microcontroller:	C167, optionally 82527
Interface:	via dual-ported RAM
<b>CAN:</b>	
CAN layer:	differential, according to ISO 11898, 1 Mbit/s
CAN interface:	electrically isolated
Diagnostic LED:	module status displayed by LED
<b>General:</b>	
Temperature:	0...50 /C
Connector types:	CAN: 9-pole DSUBs RS-232: 9-pole DSUB DeviceNet: 5-pole connector

### General (continued):

Dimensions: height = 234 mm, depth = 160 mm, compatible to SIMATIC S5-AG; for AG-115U an additional adaption case is necessary

### Order information:

Designation	order no.:
CAN-CSC515-1	Interf. 1x CAN layer 2/ Siemens PLC C.2904.02
CAN-CSC515-2	Interf. 2x CAN layer 2/ Siemens PLC C.2904.04
CAN-CSC515-CO1	Interf. 1x CANopen / Siemens PLC C.2904.05
CAN-CSC515-CO2	Interf. 2x CANopen / Siemens PLC C.2904.06
DN-CSC515	Interf. 1x DeviceNet / Siemens PLC C.2904.07
CAN-CSC515-ME	English user's manual C.2904.21
CAN-CSC515-ME	English user's manual DeviceNet C.2904.25