

## IBS S5 100 CB-T

This item is no longer available. Should you have any questions, please contact our Sales Team.

Order No.: 2753698



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2753698>

Termination board for Siemens SIMATIC® S5 - 90/95 U and 100 U  
PLCs

### Commercial data

EAN	4017918099619
Pack	1 pcs.
Customs tariff	85389091
Weight/Piece	0.2559 KG

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Product description

INTERBUS controller boards for Siemens SIMATIC compact controller

The compact SIMATIC S5 PLCs, S5 95U and S5 100U can be connected to INTERBUS using the IBS S5 100 CB-T controller board.

The connection between the controller board and the PLC is non-isolated and made using the familiar flat-ribbon cable.

The board together with the S5 95U and 100U PLCs are started up using "Plug and Play" technology. By switching on the power supply, the configuration of the INTERBUS system is read in, addressed by slot and the bus is started.

The space requirement is transmitted to the PLC and taken into consideration in the memory address space of the entire system. Up to 480 inputs and 496 outputs can be connected to INTERBUS in the word-oriented address area. The number of effectively useable addresses is a function of the control system (or CPU) and slot of the controller board.

All familiar commands can be used to access the data of the connected devices. The entire scope of languages and diagnostics of the PLC can be used.

The INTERBUS system is automatically monitored after startup. If an error occurs, the diagnostic data is displayed using the front plate and within the diagnostic register.

The INTERBUS system is monitored via a function register. Diagnostic and system functions (such as clear diagnostics display, acknowledge module error, check number of modules, start system) can be initiated by initializing an output.

The wide range of modules, easy startup and standard INTERBUS diagnostics provide you with practical and cost-effective complete solutions.

#### Technical data

##### Power supply

Connection supply	Via SIMATIC I/O bus
Typical current consumption	550 mA
Supply voltage	9 V DC
Range of supply voltages	7 V DC ... 11 V DC (including ripple)
Residual ripple	50 mV <sub>PP</sub>

##### General data

Width	67.5 mm
Height	75 mm
Depth	105 mm
Degree of protection	IP00
Permissible humidity (operation)	70 % (no condensation in acc. with DIN 40040, class F)

##### Data interfaces

Interface	INTERBUS remote bus
Type of connection	9-pos. D-SUB female connector (optionally optical fiber possible via interface converters) with electrical isolation
Interface	Host system
Type of connection	Siemens SIMATIC S5 90U, 95U and 100U
Interrupts	Are not supported

##### INTERBUS data

Number of devices with parameter channel (PCP)	30 (process data are supported, parameter data are not supported)
Number of supported devices	128 (of which 64 are remote bus devices/bus segments)

**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2009 Phoenix Contact  
Technical modifications reserved;